

## **Undergraduate Advising, Fall 2020, 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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### **Daniel Lokshtanov**

Daniel Lokshtanov is an Associate Professor of Computer Science at UCSB. He received his PhD in Computer Science (2009), from the University of Bergen. Lokshtanov spent two years (2010–2012) as a Simons Postdoctoral Fellow at University of California at San Diego, and 6 as a faculty at the Department of Informatics at the University of Bergen. His main research interests are in graph algorithms, parameterized algorithms and complexity. He is a recipient of the Meltzer prize, the Bergen Research Foundation young researcher grant, and of an ERC starting grant on parameterized algorithms. He is a co-author of the recent textbooks on [Parameterized Algorithms](#) and [Kernelization](#).

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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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### **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).



### **Tobias Höllerer**

Tobias Höllerer is a Professor in the Department of Computer Science. Professor Höllerer 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 Höllerer is the faculty advisor for the class of 2022.

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## **Undergraduate Advising, Computer Science, Fall 2020 (continued)**

### **Yu-Xiang Wang**

Yu-Xiang Wang is an Assistant Professor of Computer Science at UCSB. Prior to joining UCSB, he was a scientist with Amazon Web Services's AI research lab in Palo Alto, CA from 2017 to 2018. Yu-Xiang received his PhD in Statistics and Machine Learning in 2017 from the world's first Machine Learning Department in the School of Computer Science of Carnegie Mellon University (CMU).

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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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### **Phillip Conrad**

Phill Conrad joined the faculty of the CS Department in January 2008, and in July 2012 was promoted to Lecturer (SOE), a career-oriented position focusing on undergraduate education. Dr. Conrad's focus is the lower-division curriculum, and he is the faculty undergraduate advisor for CS majors.



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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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### **Xifeng Yan**

Xifeng Yan is a Professor in the Department of Computer Science. Professor Yan joined the Department in 2008. His PhD is from the University of Illinois at Urbana-Champaign. His research interests include: data mining, data management, machine learning, and bioinformatics.



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### **Michael Beyeler**

Michael Beyeler directs the Bionic Vision Lab at UC Santa Barbara. He received a PhD in Computer Science from UC Irvine as well as a BS in Electrical Engineering and a MS in Biomedical Engineering from ETH Zurich, Switzerland. Prior to joining UCSB, he completed a postdoctoral



### **Jonathan Balkind**

Jonathan Balkind is an Assistant Professor of Computer Science at UCSB. He was previously a PhD Candidate in Computer Science at Princeton University. His research interests lie at the intersection of Computer Architecture, Programming Languages, and Operating Systems. He



fellowship in the labs of Ione Fine (Psychology, Institute for Neuroengineering) and Ariel Rokem (eScience Institute) at the University of Washington, where he developed computational models of bionic vision. He is Associate Director of the UCSB Center for Virtual Environments and Behavior (ReCVEB) and recipient of the National Institutes of Health (NIH) Pathway to Independence Award.

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