

CANDIDATE FOR ACM SIGMOD CHAIRPERSON

PROF. AMR EL ABBADI

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Professional Experience:

- Assistant, Associate and Professor, Univ. of California, Santa Barbara, 1987-present
- Chair of Computer Science Department, Univ of California, Santa Barbara, 2007--present
- Director, Univ of Calif, Education Abroad Program, American University in Cairo, Egypt, 2002 – 2003.
- PhD, Department of Computer Science, Cornell University, 1987.

Current areas of professional interest:

Data Management, Distributed Information Systems, Data Stream, Digital Libraries, Data Privacy, Fault-tolerance, Hardware support for Databases.

ACM activities:

- ACM Distinguished Lecturer, Distinguished Speakers Program, 1991 – 1992.
- Group Leader, SIGMOD Conference, 2005.
- Program Committee Member, ICDE, ICDDT, EDBT, PODS, SIGMOD, ACM GIS etc., Many years.

Membership and offices in related organizations:

- Board of Trustees, VLDB Endowment, 2002-2008.
- Associate Editor, Information Systems, 1994 – 2001
- Editor for Information Processing letters 1998-2002.
- Americas Program Chair, Very Large Data Bases Conference, 2001
- Vice Chair for ICDCS 1999, Vice Chair ICDE 2002.

Awards received:

- IEEE ICDE Best Paper Award, 2002
- UCSB Senate Outstanding Mentorship Award, 2007.

Statement:

Data intensive computing and data centric thinking are central to many of the current and future innovations in computer science, and SIGMOD is critical to this development. As our community expands, and as the significance and impact of managing, understanding and analyzing data increases, it is important for the SIGMOD community to embrace and collaborate with diverse international and research communities. Our goal is not only to maintain our leading research edge, but also to ensure that the processes with which our main products, namely research, are chosen and published, adapt and evolve. These are very exciting times with many challenges, and the community has already started to explore innovative ways to ensure that this process is scalable, global and successful. As an educator, I have been a strong believer that the training of researchers is crucial for success in both academia and industry. If elected; I will explore novel ways to more fully incorporate young talents into the SIGMOD community, thus benefiting from their expertise and enthusiasm and assist in their own development and maturity. As an advocate of broad research interactions, I have a long history of serving on ACM and

IEEE program committees. If elected, I would bring diverse experiences to this position, be they as a researcher, an educator, a mentor, or as a citizen of the world with diverse experiences in different countries. Serving on the VLDB Endowment provided me with many insights into the challenges and demands of our community and to observe first hand that synergy among our different publication venues and communities is crucial for addressing many of the challenges we face, especially as we scale in our interests, numbers and research output. If elected, I will be honored to be part of this process, and to ensure its success.