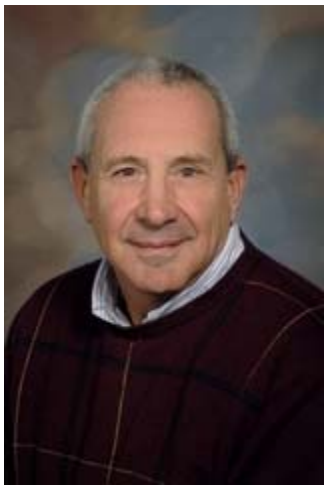
Dr. Julio C. Facelli
Professor of Biomedical Informatics



CANDIDATE STETMENT – ACADEMIC SENTATE PRESIDENT ELECT (2018)

I am honored to be considered as a candidate for the leadership of the Academic Senate. To represent my fellow faculty and our students at the University will be the culmination of a long career at the University of Utah. I arrived at the University of Utah in 1984 as a postdoctoral fellow in the Chemistry Department, and since then I have provided my services to the University in the multiple capacities listed in my academic bio (see below). I have experience as faculty and administrator in both the main campus and our health science center. I believe that this deep and extensive knowledge of the University makes me a highly qualified candidate for the position of President Elect of the Academic Senate. In my more than 40 years in academia, I have taught classes and mentored students in Physics, Chemistry, Computational Sciences, Telecommunications, Informatics, and Medicine. My classroom teaching and mentoring philosophy is to engage the students in the discovery process, encouraging questioning and rational thinking. As an educator, I have also worked to increase the participation of unrepresented minorities in biomedical sciences, because I fully recognize the power of diversity and inclusion in academia.

If you elect me as President Elect of the Academic Senate, I will apply the same participatory philosophy to channel the natural tensions existing between students, faculty, and administration into positive forces leading to our ultimate goal of increasing human knowledge and passing it on to the incoming generations. I strongly believe that in these challenging times for academia, we should remain loyal to our academic principles and achieve excellence by working together across all the University constituencies within a framework of transparency and accountability. Ultimately, our success will depend on how we motivate our students to continue working towards a better understanding all aspects of humanity and how we use this knowledge to improve human lives.

ACADEMIC BIO

Dr. Facelli was born in Buenos Aires, Argentina and attended the University of Buenos Aires where he got his Ph.D in physics in 1982. In 1993 he did post-doctoral research at the University of Arizona and the following year he joined the University of Utah. At the University of Utah he was the Director of the Center for High Performance Computing from 1995 to 2013 and he is currently Professor and Vice Chair of the Department of Biomedical Informatics, Associate Director for Biomedical Informatics in the Center for Clinical and Translational Science, Adjunct Professor of Chemistry and Physics, and a member of the Utah Nano Science Institutes. Dr. Facelli has been involved in numerous computer and network related research projects and in many University and national committees dealing with Information Technology. Dr. Facelli is co-author of more than 200 international per review publications and his research has been funded by NSF, NIH and DOE. Dr. Facelli served as Chair of the Coalition for Scientific Computing (CASC) during 2003 and 2004. He has taught classes in Physics, Chemistry, Computational Sciences, Telecommunications and Medicine and mentored numerous post docs and graduate students, with special emphasis in attracting underrepresented minorities to the biomedical sciences. His current research interest are in advanced computing applications in biomedical sciences.

EDUCATION

1977 Licenciado, University of Buenos Aires (Physics) Argentina
1981 Ph.D., University of Buenos Aires (Physics) Argentina

ACADEMIC APPOITMENTS

1984 - 1986 Research Associate, Department of Chemistry, University of Utah, with Professor D.M.
1986 - 1990 Research Assistant Professor, Department of Chemistry, University of Utah,
1987 - 1992 Associate Professor, Ad Honoren, Department of Physics, University of Buenos
1990 - 1996 Adjunct Associate Professor, Department of Chemistry, University of Utah
1992 Professor Visitante, Departamento de Física, Universidad de Buenos Aires
1996 - 2001 Research Professor, Department of Physics, University of Utah,
1996 - Adjunct Professor, Department of Chemistry, University of Utah
2002 - 2007 Adjunct Professor, Department of Biomedical Informatics, University of Utah
2002 - Adjunct Professor, Department of Physics, University of Utah
2007 - Professor (Tenured), Department of Biomedical Informatics, University of Utah

ADMINISTRATIVE EXPERIENCE

1979 - 1980 Director, Instituto de Física de la Atmósfera, Servicio Meteorológico Nacional, Buenos Aires, Argentina
1989 - 1995 Associate Director of Academic Supercomputing, Utah Supercomputing Institute, University of Utah
1992 - 1995 Acting Director, Utah Supercomputing Institute, University of Utah
1995 - 2013 Director, Center for High Performance Computing, University of Utah
2007 - Vice Chair, Department of Biomedical Informatics, University of Utah
2012 - 2013 Interim Chair Department of Biomedical Informatics, University of Utah
2013 - 2016 Director, Biomedical Informatics Core, Center for Clinical and Translational Science, University of Utah
2016 - Associate Director, Utah Center for Clinical and Translational Science, University of Utah

SCHOLASTIC HONORS

2012 Reed M. Gardner award for Faculty Excellence
2014 Elected Fellow of the American College of Medical Informatics (ACMI)
2017 Elected Fellow of the Academy of Health Sciences Educators (AHSE), University of Utah.

UNIVERSITY COMMITTEES

University Level

1986 - 2014 Chairman, University of Utah, Supercomputer Allocation Committee
1988 - 1989 Member, University of Utah, Supercomputer Task Force
1988 - 1995 Coordinator, University of Utah, IBM software and hardware campus wide licensing
1990 - 1992 Member, University of Utah, IBM Partnership Committee
1991 - 1998 Member, University of Utah, Institutes and Conferences Advisory Board
1994 - 2012 Member, University of Utah, Computer Task Force/ Students Fees Advisory Committee
1996 - 1997 Member, University of Utah, Network Access Advisory Committee
1997 Member, University of Utah, Campus Information Technology Commission
1997 - 2001 Member, University of Utah, Information Technology Executive Committee
1998 - 2004 Member, University of Utah, Human Database Research Oversight Committee
1998 - 2013 Member, University of Utah, Information Technology Council
1998 Liaison Officer, University of Utah, Presidential Computer Security Review
2000 - 2004 Chairman, University of Utah, Electronic Research Administration Committee
2001 - 2003 Member, University of Utah, Youth Education Advisory Board
2002 Member, University of Utah, Animation Degree Program Planning Committee
2003 Member, University of Utah, Bioinformatics Planning Committee
2004 Member, University of Utah, Arts and Technology Symposium
2006 Member, University of Utah, Cyberinfrastructure Planning Committee
2007 Chairman, University of Utah, Central Data Center Planning Committee
2007 - 2011 Advisory Board, University of Utah, Center for Interdisciplinary Arts and Technology
2007 - 2015 Council Member, University of Utah, Cyberinfrastructure Portfolio
2007 - Member, Utah Population Database, Faculty Development Committee
2008 - 2011 Member, Campus Planning Advisory Committee
2011 - 2014 Member, Faculty Research Seed Grant Committee, Seed Grant Committee
2012 - 2013 Member, Library Advisory Committee
2013 - 2014 Member, University of Utah, Faculty IT Council
2013 - 2015 Co-Chair, Library Policy Advisory Committee
2015 - Member, Senate Executive Committee, Subcommittee on IT issues
2016 - 2019 School of Medicine Senator, Academic Senate
2016 - Member, University Faculty Information and Support, Faculty Data Steering Committee
2017 Chair, Academic Senate, Senate Advisory Committee on IT (SACIT)
2017 Member, University of Utah, University Strategic IT Committee

Health Sciences Level

2008 - 2013 Member, IT Steering Committee, Associate Vice President HSC IT Steering Committee
2008 - 2014 Member, Health Science Computer Committee, Health Science Education subcommittee
2009 - 2015 Faculty Advisor, Health Sciences Center, Medical Students Informatics Interest Group
2010 - 2013 Faculty Member, Health Sciences Center, Clinical research infrastructure evaluation committee

Department Level

2005 -	Member, Biomedical Informatics, University of Utah Faculty Search Committee
2007	Reviewer, Biomedical Informatics, Houtchens Award
2008 -	Member, Biomedical Informatics, Executive Committee
2009	Faculty Reviewer, Internal Medicine, Tenure and Promotion Committee
2014 -	Chair, Biomedical Informatics, Department Advisory Committee (DAC)

TEACHING AND MENTORING

As member of a graduate department (Biomedical Informatics), I consider the mentoring of graduate students and postdocs the core of my current academic activities. I have been Chair/Mentor of three MS students and six PhD students (graduated). I am currently the chair of six PhD students and one MS student in Biomedical Informatics. I am or have been in the PhD committees of more than 25 students from Biomedical Informatics, Chemistry, Medicinal Chemistry, Computer Science, Physics and Mining Engineering. I have been the mentor of numerous postdocs (four current), nine undergraduate students, two medical students and one resident fellow in pathology (current). I am committed to increasing diversity in the biomedical research workforce. This has been a guiding principle in recruiting students into my research group. To increase my recruitment efforts, I was PI of a NIGMS *BRIDGES to the Doctorate* grant with the University of Texas Brownsville, now University of Texas Rio Grande Valley. Through this program, I have been able to recruit Hispanic students to both my own research group and to the Department of Biomedical Informatics.

In my more than 40 years in academia, I have taught classes in Physics, Chemistry, Computational Sciences, Telecommunications, Informatics and Medicine. My classroom teaching philosophy is similar to my mentoring philosophy - engaging the students, encouraging questioning and rational thinking in opposition to memorization. Recently, I have been a facilitator in Case-Based Learning (CBL) sessions of the School of Medicine, I have participated in the Introduction to Medical Science, Molecules and Cancer and Brain and Behavior classes. I have found that the CBLs are one of the most rewarding teaching experiences in my career.