Curriculum Vitae

Last Updated: 01/31/2023

PERSONAL DATA

Name: Julio C. Facelli, Ph.D., FACMI
Birth Place: Buenos Aires, Argentina
Citizenship: United States

EDUCATION

Years	Degree	Institution (Area of Study)
1981	Ph.D.	University of Buenos Aires (Physics) Argentina
1977	Licenciado	University of Buenos Aires (Physics) Argentina

UNIVERSITY OF UTAH ACADEMIC HISTORY

Biomedical Informatics, 04/01/2007 - Present

04/01/2007 Professor

Biomedical Informatics, 11/13/2002 - 03/31/2007

11/13/2002 - 03/31/2007 Adjunct Professor

PROFESSIONAL EXPERIENCE

Full-Time Positions

2022 - Present	Distinguish Professor, University of Utah, Salt Lake City, UT
2015 - Present	Associate Director for Informatics, Center for Clinical and Translational Science, Univerity of Utah, Salt Lake City, Utah
2012 - 2015	Director Biomedical Informatics Core, Center for Clinical and Translational Science, University of Utah, Salt Lake City, Utah
2012 - 2013	Interim Chair Biomedical Informatics, University of Utah, Salt Lake City, Utah
2010 - Present	Faculty Member, Nano Institute of Utah, University of Utah, Salt Lake City, Utah
2009 - 2017	Faculty Member, Institute for Clean and Safe Energy, University of Utah, Salt Lake City, Utah
2007 - Present	Vice Chair Biomedical Informatics, University of Utah, Salt Lake City, Utah
2007 - 2022	Professor, Department of Biomedical Informatics, University of Utah, Salt Lake City, Utah
2002 - Present	Adjunct Professor, Department of Physics, University of Utah, Salt Lake City, Utah
2002 - 2007	Adjunct Professor, Department of Biomedical Informatics, University of Utah, Salt Lake City, Utah
1996 - 2013	Director Center for High Performance Computing, University of Utah, Salt Lake City, Utah
1996 - Present	Adjunct Professor, Department of Chemistry, University of Utah, Salt Lake City, Utah

1996 - 2001	Research Professor, Department of Physics, University of Utah, Salt Lake City, Utah
1995 - 2000	PNL Affiliate Staff Scientist, Pacific Northwest Laboratory, Richland, Washington
1992	Professor Visitante, Departamento de Física, Universidad de Buenos Aires, Buenos Aires, Argentina
1990 - 1996	Adjunct Associate Professor, Department of Chemistry, University of Utah, Salt Lake City, Utah
1987 - 1992	Associate Professor, Ad Honoren, Department of Physics, University of Buenos, Buenos Aires, Argentina
1986 - 1990	Research Assistant Professor, Department of Chemistry, University of Utah, Salt Lake City, Utah
1984 - 1986	Research Associate, Department of Chemistry, University of Utah, with Professor D.M. Grant, Salt Lake City, Utah
1983	Research Associate, Department of Chemistry, University of Arizona, with Professor M. Barfield, Tucson, Arizona
1977 - 1982	Graduate Assistant, Department of Physics, University of Buenos Aires, Buenos Aires, Argentina
1976	Undergraduate Assistant, Department of Physics, University of Buenos Aires, Buenos Aires, Argentina

Editorial Experience

2022 - Present	**The Journal of the Academy of Health Science Educators.**
2005	Editor for Magnetic Resonance in Chemistry, Special Issue Celebrating the 75th birthday of Professor David M. Grant

Reviewer Experience

Reviewer for BMC Informatics
Reviewer for Biochemistry
Reviewer for COMPUTER
Reviewer for CRC Press Healthcare Informatics book series
Reviewer for Central European Journal of Chemistry
Reviewer for Chemical Physics
Reviewer for Chemical Reviews
Reviewer for Computer Applications in Engineering Education
Reviewer for Computers in Biology and Medicine
Reviewer for Concepts in NMR
Reviewer for Energy &Fuels
Reviewer for Geochimica et Cosmochimica Acta
Reviewer for IEEE Transactions on Antennas and Propagation
Reviewer for International Journal of Computers and Applications
Reviewer for International Journal of Medical Informatics
Reviewer for International Journal of Molecular Sciences
Reviewer for International Journal of Quantum Chemistry

Reviewer for J. American Chemical Society
Reviewer for J. American Medical Informatics Association
Reviewer for J. Chemical Physics
Reviewer for J. Chemical Theory and Computation
Reviewer for J. Computational Chemistry
Reviewer for J. Molecular Structure
Reviewer for J. Parallel and Distributed Computing
Reviewer for J. Pharmaceutical Sciences
Reviewer for J. Physical Chemistry
Reviewer for J. of Systems and Software
Reviewer for Journal of Biomedical Informatics
Reviewer for Journal of Biosciences and Biotechnology
Reviewer for Journal of the Royal Society Interface
Reviewer for Magnetic Resonance in Chemistry
Reviewer for Molecular Physics
Reviewer for Nature Nanotechnology
Reviewer for Online Journal of Public Health Informatics
Reviewer for PLOS ONE
Reviewer for Phys. Rev. B
Reviewer for Phys. Rev. Lett.
Reviewer for Physica Status Solidi
Reviewer for Physical Review X (PRX)
Reviewer for Pure and Applied Chemistry
Reviewer for Tetrahedron
Reviewer for Theoretica Chimica Acta

SITE VISITS

2020 - Present	University of Kentucky, External Advisory Informatics Committee for UK Center for Clinical and Translational Research
2010	University of Alaska, Arctic Region Supercomputing Center
2007	Louisiana State University, Disaster Resistant University Program
1992	Universidad Nacional Autónoma de México, Instituto de Química, UNAM, México City

SCHOLASTIC HONORS

2019	Reed Gardner award for Faculty Exelence
2017	Elected Fellow of the Academy of Health Sciences Educators (AHSE), University of Utah.
2016	Recognized by the Marriott Library and the VP of Research in the Showcase of Extraordinary Faculty Achievements
2014	Elected Fellow of the American College of Medical Informatics (ACMI)
2012	Reed M. Gardner award for Faculty Excellence

1990	Listed in Who's Who in the West, Who's Who in Science and Engineering and Who's Who in American Education

ADMINISTRATIVE EXPERIENCE

Administrative Duties

2019 - Present	Co-Director of the Center of Excellence for Exposure in Health Informatics (CEEHI)
2019 - 2020	President Academic Senate
2016 - Present	Associate Director, Utah Center for Clinical and Translational Science, University of Utah
2013 - 2016	Director, Biomedical Informatics Core, Center for Clinical and Translational Science, University of Utah
2012 - 2013	Interim Chair Department of Biomedical Informatics, University of Utah
2007 - Present	Vice Chair, Department of Biomedical Informatics, University of Utah
1995 - 2013	Director, Center for High Performance Computing, University of Utah
1992 - 1995	Acting Director, Utah Supercomputing Institute, University of Utah
1989 - 1995	Associate Director of Academic Supercomputing, Utah Supercomputing Institute, University of Utah
1979 - 1980	Director, Instituto de Física de la Atmósfera, Servicio Meteorológico Nacional, Buenos Aires, Argentina

Professional Organization & Scientific Activities

2022	Chair, Association for Clinical and Translational Science, Mock Study Section for Trainees at the Translational Sciecen 2022.
2021	Contributor & Participant, National Institutes of Health, **Artificial Intelligence/Machine Learning (AI/ML) Consortium to Advance Health Equity and Researcher Diversity (AIM-AHEAD)**
2021	Chair, Association for Clinical and Translational Science, ACTS Mock Study Section for trainees
2021	Program Committee Member, IEEE Computer Society, **2021 International Conference on Bioinformatics and Biomedicine (BIBM)**
2020	Ad Hoc Grant Reviewer, National Science Foundation
2020	Program Committee Member, IEEE Computer Society, 11th International Workshop on Biomedical and Health Informatics (BHI)
2020	Program Committee Member, IEEE Computer Society, **11th International Workshop on Biomedical and Health Informatics**, in conjunction with BIBM 2020 (Online, December 16-19, 2020)
2019	Abstract Reviewer, American Medical Informatics Association, AMIA Informatics Summit 2020
2020	Program Committee Member, IEEE Computer Society, International Conference in Health Informatics, ICHI 2020
2019	Program Committee Member, IEEE Computer Society, 7th International Conference on Healthcare Informatics
2018	Program Committee Member, IEEE Computer Society, 2018 International Workshop on Biomedical and Health Informatics (BHI).

2018	Mentor, Association for Clinical and Translational Science, Speed Mentoring Translational Science 2018
2018	Co-Chair, Association for Clinical and Translational Science, Mock Study Section for Young Investigators
2018	Featured Expert, American Medical Association, Panel discussion on: Pediatric Asthma & Quality Improvement Programs: Keys to Success.
2018	Program Committee Member, IEEE Computer Society, CBMS 2018 (IEEE Computer-Based Medical Systems 2018),
2017	Program Committee Member, IEEE Computer Society, 2017 International Workshop on Biomedical and Health Informatics (BHI)
2016	Program Committee Member, IEEE Computer Society, 2016 International Workshop on Biomedical and Health Informatics (BHI)
2016	Program Committee Member, IEEE Computer Society, IEEE CBMS 2016, June 20 -24th 2016, Ireland
2015	Committee Member, IEEE Computer Society, IEEE International Conference on Healthcare Informatics 2015 (ICHI 2015)
2015	Reviewer, American Medical Informatics Association, AMIA 2015 Joint Summits on Translational Science
2015	Reviewer, International Medical Informatics Association, Medinfo 2015, Sao Paulo, Brazil
2015	Reviewer, American Medical Informatics Association, 2015 AMIA Annual Symposium
2014 - 2015	Steering Committee Member, Healthcare Services Platform Consortium
2014	Reviewer, American Medical Informatics Association, 2014 Annual Symposium
2014	Program Committee Member, Association for Computing Machinery, Healthcare Informatics 2014 (HI-KDD 2014)
2014	Program Committee Member, IEEE Computer Society, 2014 International Workshop on Biomedical and Health Informatics (BHI)
2014	Senior Member, IEEE Computer Society, Program Committee, International Conference on Health Care Informatics, ICHI 2014
2013	Program Committee Member, IEEE Computer Society, CBMS 2013, 26th International Conference on Computer-Based Medical Systems
2013	Senior Advisor, IEEE Computer Society, Doctoral Consortium, IEEE International Conference on Healthcare Informatics
2013	Senior Member, IEEE Computer Society, Program Committee, International Conference on Healthcare Informatics 2013 (ICHI 2013)
2013	Program Committee Member, IEEE Computer Society, 2013 International Workshop on Biomedical and Health Informatics (BHI), 2013 IEEE International Conference on Bioinformatics and Biomedicine (BIBM 2013)
2013	Co-Organizer, EDUCAUSE/Coalition for Academic Scientific Computation, NSF sponsored ACTI Campus Cyberinfrastructure Working Group on Research Data Management Implementations (RDMI)
2012	Program Committee Member, IEEE Computer Society, International Workshop on Biomedical and Health Informatics (BHI); 2012 IEEE International Conference on Bioinformatics and Biomedicine (BIBM 2012)

2012	Program Committee Member, Association for Computing Machinery, ACM SIGKDD Workshop on Health Informatics 2012 (HI-KDD 2012)
2012	Program Committee Member, IEEE Computer Society, 25th IEEE International Symposium on Computer-Based Medical Systems (CBMS 2012)
2011	Session Chair, American Medical Informatics Association, AMIA: Translational Bioinformatics Summit, San Francisco, California
2011	Program Committee Member, Association for Computing Machinery, ACM SIGHIT International Health Informatics Symposium 2011
2011	Member, Coalition for Academic Scientific Computation, Nominating Committee
2011	Member, IEEE Computer Society, Program Committee, 2011 International Workshop on Biomedical and Health Informatics (BHI) in conjunction with the 2011 IEEE International Conference on Bioinformatics and Biomedicine (BIBM 2011)
2010 - 2012	Co-Chair, American Medical Informatics Association, AMIA Academic Forum Metrics Sub Committee
2010	Member, American Medical Informatics Association, Poster Committee for the American Medical Informatics Associations 2010 Annual Symposium
2010	Panel Chair, National Science Foundation, NSF-University of Kentucky Cyberinfractructure in EPSCoR Statates Workshop
2010	Member, American Medical Informatics Association, 2011 Summit on Translational Bioinformatics, Scientific Program Committee (SPC)
2010	Poster Judge, American Medical Informatics Association, 2010 AMIA Symposium Poster Award Competition
2009	Program Committee Member, American Medical Informatics Association, 2009 Academic Forum, Portland, Oregon
2008	Program Committee Member, American Medical Informatics Association, 2009 Symposium
2008	Invited Member, EDUCAUSE/Coalition for Academic Scientific Computation, Workshop to develop a Coherent Cyberinfrastructure: From Local Campus to the National Facilities
2008	Invited Participant, American Medical Informatics Association, 2nd AMIA Academic Forum
2007	Panel Member, National Science Foundation, TeraGrid Program Review
2007	Invited Participant, National Science Foundation, Petaflop Applications Workshop, Phoenix, Arizona
2003 - 2004	Chair, Coalition for Academic Scientific Computation
2003	Invited Participant, National Science Foundation, NSF Workshop on Management and Models for Cyber Infrastructure
1998	Member, IEEE Computer Society, Organizing Group, Supercomputer Conference, SC98, Orlando, Florida
1993	Invited Participant, Coalition for Academic Scientific Computation, CASC Workshop on Broadening Participation, Chapel Hill, North Carolina
1992 - 2014	Representative, Coalition for Academic Scientific Computation, University of Utah

Grant Review Committee/Study Section

2020	Panel Reviewer for NSF SCH Program
2019	NIH Special Panel ZRG1 BST-A (90) R on Computational Approaches to Curation at Scale for Biomedical Research (PAR-18-796).
2019	Defense Medical Research and Development Program, Wound Care WC.
2018	NIGMS Special Emphasis Panel Members ZGM1 RCB-4 (C1). Review of Centers of Biomedical Research Excellence (COBRE) (P20) Programs.
2017	Reviewer for Special Emphasis Panel/Scientific Review Group 2017/05 ZRG1 BST-W (55) R
2017	Panel Member, NSF Smart and Connencted Health Program
2016	Reviewer for the Polish National Science Center
2015 - 2016	Reviewer for the CTSA Consortium CTR-IN Pilot Grant program
2014	Special Emphasis Panel/Scientific Review Group 2014/05 ZAI1 LG-M (C1), Bioinformatics Resource Centers for Infectious Diseases
2013 - 2014	University of Utah Seed Grant Program
2013	Reviewer, National Foundation of Science and Advanced Technologies, YSSP Competition for Young Armenian Scientists- NFSAT and the Armenian Youth Foundation
2012	Reviewer, National Institutes of Health, Special Emphasis Panel/Scientific Review Group 2013/01 ZRG1 BST-U (30)
2012	Reviewer, Foundation for the National Institutes of Health, National Institute of Allergy and Infectious Diseases Special Emphasis Panel RFP-NIAID-DAIT-NIHAI2011038
2010	HPC Resources Panel, National Science Foundation, Office of CyberInfrastructure
2010	Indiana University Intramural Pilot Program
2010	Ad Hoc External Reviewer, National Science Foundation, Ad Hoc panel on the Roles of Regional and Campus HPC/CI centers
2009	Computational Modeling and Sciences for Biomedical and Clinical Applications NCRR Study Section, ZRG1 SBIB-Q
2008	Broad Foundation
2008	Reviewer, Centers for Disease Control and Prevention, Elimination of Health Disparities through Translation Research Special Emphasis Panel
2008	National Agency for Scientific and Technical Development (Argentina)
2007	Panel Member, National Science Foundation, TeraGrid program review
2007	US Civilian Research and Development Foundation
2006	Panel Member, National Science Foundation, Core HPS centers program review
2002	Health Services Research & Development Service, US Veteran Administration
2001	Research Corporation, Tucson, Arizona

Symposium/Meeting Chair/Coordinator

2020	Member Program Committee, IEEE International Conference on Healthcare Informatics, ICHI 2020, Oldenburg, Germany, June 2020
2020	Program co-Chair IEEE BIBM 2020, Seoul, Korea, December 2020
2017	General co-Chair Fifth IEEE International Conference on Healthcare Informatics (ICHI 2017), Park City, Utah.

2008	Workshop on Building Educational Capacity for Biomedical Informatics, IMIA, Buenos Aires.
2008	Co-Organizer, Utah Advanced Computing Institute
2008	Organizer Utah Advanced Computing Summer Institute, Cedar City, Utah
2007	Organizer of the Round table discussion on HPC infrastructure in Utah. ACRES Symposium, Logan, Utah
1998	Organizer of the American Chemical Society Symposium on Modeling Chemical Shifts, Boston
1992	Utah Supercomputing Institute Workshop in Molecular Modeling, Salt Lake City, Utah

PROFESSIONAL COMMUNITY ACTIVITIES

2017	External Faculty Reviewer, Northwestern University Feinberg School of Medicine, Review of RPT files
2017	Program Committee Member, IEEE International Symposium on Computer-Based Medical Systems, IEEE CBMS 2017, Thessaloniki, Greece, 22 - 24 June 2017
2016	Member, IEEE International Conference on Healthcare Informatics, Senior Program Committee, ICHI 2016
2016 - Present	Member, State of Utah, The Shared Identification Services for Utah (ThSISU) Governance Committee
2015	Program Committee Member, IEEE International Conference on Bioinformatics and Biomedicine, BIBM'15 2015 International Workshop on Biomedical and Health Informatics
2015	Program Committee Member, IEEE International Conference on Healthcare Informatics
2015	Program Committee Member, IEEE International Symposium on Computer-Based Medical Systems, 28th IEEE International Symposium on Computer-Based Medical Systems (CBNS 2015), Sao Paulo, Brazil
2014 - 2015	Member, Learning Health Community, Policy and Governance Framework Task Force
2013	Program Committee Member, Medinfo2013, Copenhagen, August 2013
2013 - 2014	Chair, University of Texas at Brownsville, Extramural Associates Research Development Award (EARDA) Advisory Board
2012	Member & Judge, University of Buenos Aires, Selection Committee for a Professor in Computational Sciences at the Faculty of Sciences
2012	Member & Consultant, State of Utah, Oversight Committee for the State Comprehensive Audit of Data Security
2011	Faculty Reviewer, University of Michigan, Reviewer of RPT Files
2010	External Reviewer, European Commission, The Action-Grid Report on Linking Biomedical Informatics, Grid Computing and Nanomedicine
2010	Faculty Reviewer, University of Washington, Review Files for RPT
2009	Faculty Reviewer, University of Missouri, Review Files for RPT
2009	External Reviewer, Florida State University, High Performance Computing, Student Competition

2009	Session Chair, International Conference on Intelligent Computing, ICIC, Ulsan Korea
2007 - 2010	Member, State of Utah, Utah Cyber Infrastructure Committee
2007 - 2009	Member, Southern Utah University, Advisory Board of the College of Computing, Integrated Engineering and Technology
2007	Invited Participant, Intermountain Healthcare, Strategic Planning Retreat
2003	Program Committee Member, High End Computing Revitalization Task Force, Workshop on the Road Map for the Revitalization
2003	Invited Participant, National Center for Research Resources, Five Year NCRR Strategic Planning Meeting
2001	Invited Participant, Miami International University of Art & Design, AMPATH Workshop, Miami, Florida
2001	Invited Participant, Idaho National Engineering and Environmental Laboratory, GigaPop Workshop, INEEL, Idaho Falls, Idaho
1997 - 2000	Member, Westnet, Steering Committee
1991 - 1997	Member, Cornell National Supercomputing Facility, Cornell University, Smart Node Advisory Board
1990 - 1997	Member, San Diego Supercomputer Center, SDSC Consortium Committee
1990 - 1994	Coordinator, State of Utah, SUPERQUEST Program, High School Supercomputing Competition
1990 - 1991	Chairman, IBM, User Group, SUPER, Steering Committee
1989 - 1992	Committee Member, IBM, User Group, SUPER, Supercomputing by University People for Education and Research

UNIVERSITY COMMUNITY ACTIVITIES

University Level

2022 - Present	Member, Conflict of Interest Committee
2021 - Present	Member & Advisor, University of Utah, Health, Air Pollution and Population Initiative in Education and Science TrainingInternal Advisory Board
2018 - Present	Member, University of Utah, President's Leadership Council
2018 - 2019	Ex Officio Member, University of Utah, Presidential Commission on the Status of Women (PCSW)
2018 - 2019	President-Elect, Academic Senate
2017	Member, University of Utah, University Strategic IT Committee
2017	Chair, Academic Senate, Senate Advisory Committee on IT (SACIT)
2016 - Present	Member, University Faculty Information and Support, Faculty Data Steering Committee
2016 - 2018	Senator, Academic Senate
2015 - Present	Member, Senate Executive Committee, Subcommittee on IT issues
2013 - 2015	Co-Chair, Library Policy Advisory Committee
2013 - 2014	Member, University of Utah, Faculty IT Council
2012 - 2013	Member, Library Advisory Committee
2011 - 2014	Member, Faculty Research Seed Grant Committee, Seed Grant Committee

2008 - 2011	Member, Campus Planning Advisory Committee
2007 - Present	Member, Utah Population Database, Faculty Development Committee
2007 - 2015	Council Member, University of Utah, Cyberinfrastructure Portfolio
2007 - 2011	Advisory Board, University of Utah, Center for Interdisciplinary Arts and Technology
2007	Chairman, University of Utah, Central Data Center Planning Committee
2006	Member, University of Utah, Cyberinfrastructure Planning Committee
2004	Member, University of Utah, Arts and Technology Symposium
2003	Member, University of Utah, Bioinformatics Planning Committee
2002	Member, University of Utah, Animation Degree Program Planning Committee
2001 - 2003	Member, University of Utah, Youth Education Advisory Board
2000 - 2004	Chairman, University of Utah, Electronic Research Administration Committee
1998	Liaison Officer, University of Utah, Presidential Computer Security Review
1998 - 2013	Member, University of Utah, Information Technology Council
1998 - 2004	Member, University of Utah, Human Database Research Oversight Committee
1997 - 2001	Member, University of Utah, Information Technology Executive Committee
1997	Member, University of Utah, Campus Information Technology Commission
1996 - 1997	Member, University of Utah, Network Access Advisory Committee
1994 - 2012	Member, University of Utah, Computer Task Force/ Students Fees Advisory Committee
1991 - 1998	Member, University of Utah, Institutes and Conferences Advisory Board
1990 - 1992	Member, University of Utah, IBM Partnership Committee
1988 - 1995	Coordinator, University of Utah, IBM software and hardware campus wide licensing
1988 - 1989	Member, University of Utah, Supercomputer Task Force
1986 - 2014	Chairman, University of Utah, Supercomputer Allocation Committee

University of Utah Health

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

Department Level

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

CURRENT MEMBERSHIPS IN PROFESSIONAL SOCIETIES

American Medical Informatics Association
IEEE Computer Society

FUNDING

Past Grants

11/01/17 - 10/30/22	Ucsd Subcontract Principal Investigator(s): Julio C. Facelli Role: Principal Investigator
11/01/17 - 09/30/19	Rubin Va Oia Ipa Fy18 Principal Investigator(s): Julio C. Facelli Direct Costs: $483,887 Total Costs: $483,887 VA Salt Lake City Health Care System Role: Principal Investigator
11/01/17 - 09/30/19	Lario Oia Ipa Fy18 Principal Investigator(s): Julio C. Facelli Direct Costs: $502,043 Total Costs: $502,043 US Department of Veterans Affairs Role: Principal Investigator
10/16/17 - 09/30/18	Staes Va Oia Ipa Fy18 Principal Investigator(s): Julio C. Facelli Direct Costs: $88,723 Total Costs: $88,723 US Department of Veterans Affairs Role: Principal Investigator
06/01/17 - 10/31/17	Udoh/Dbmi Contract Principal Investigator(s): Julio C. Facelli Direct Costs: $12,464 Total Costs: $13,710 Utah Department of Health Role: Principal Investigator
05/16/17 - 09/30/17	Lario Oia Ipa Fy17 Principal Investigator(s): Julio C. Facelli Direct Costs: $98,884 Total Costs: $98,884 US Department of Veterans Affairs Role: Principal Investigator
10/01/16 - 09/30/17	Staes Va Oia Fy17 Principal Investigator(s): Julio C. Facelli Direct Costs: $101,215 Total Costs: $101,215 US Department of Veterans Affairs Role: Principal Investigator
10/01/16 - 09/30/17	Rubin Va Oia Ipa Fy17 Principal Investigator(s): Julio C. Facelli Direct Costs: $260,457 Total Costs: $260,457 VA Salt Lake City Health Care System Role: Principal Investigator

10/01/16 - 12/31/16 Curtis Va Oia Fy17
Principal Investigator(s): Julio C. Facelli
Direct Costs: $40,078 Total Costs: $40,078
US Department of Veterans Affairs
Role: Principal Investigator

09/15/16 - 06/30/20 Promis
Principal Investigator(s): Julio C. Facelli
Direct Costs: $236,475 Total Costs: $352,347
Northwestern University
Role: Principal Investigator

06/26/16 - 09/30/16 Rubin Oia Ipa 2016
Principal Investigator(s): Julio C. Facelli
Direct Costs: $70,543 Total Costs: $70,543
US Department of Veterans Affairs
Role: Principal Investigator

06/01/16 - 05/30/19 First Principles
Principal Investigator(s): Julio C. Facelli; Anita Orendt
National Science Foundation (NSF)
Role: Co-Principal Investigator

10/15/15 - 09/30/16 Curtis Oia Ipa 2015 - 2016
Principal Investigator(s): Julio C. Facelli
Direct Costs: $39,519 Total Costs: $39,519
US Department of Veterans Affairs
Role: Principal Investigator

10/01/15 - 03/31/16 Biocaddie
Principal Investigator(s): Julio C. Facelli
Direct Costs: $33,091 Total Costs: $49,305
Role: Co-Principal Investigator

09/30/15 - 09/29/19 Prisms Informatics - Federated Integration Architecture
Principal Investigator(s): Julio C. Facelli
National Institute of Biomedical Imaging & Bioengineering
Role: Principal Investigator

09/01/15 - 08/31/20 First Principles
Principal Investigator(s): Julio C. Facelli; Anita Orendt
National Institutes of Health
Role: Co-Principal Investigator

07/01/15 - 06/30/18 Data Integration And Modeling
Principal Investigator(s): Julio C. Facelli
Direct Costs: $750,000 Total Costs: $1,117,500
National Institutes of Health
Role: Principal Investigator

01/01/15 - 12/31/15 Pathogenesis By Protein
Principal Investigator(s): Julio C. Facelli
National Ataxia Foundation
Role: Principal Investigator

03/01/14 - 08/31/18 Condo Of Condo
Principal Investigator(s): Julio C. Facelli; Julia D Harrison; Martin Berzins; Steven Corbato
Direct Costs: $607,062 Total Costs: $904,520
Clemson University
Role: Co-Principal Investigator

10/01/13 - 09/30/17 MRI: Development of Apt, a Testbed Instrument with Adaptable Profiles for Network and Computational Science
Principal Investigator(s): Julio C. Facelli; Eric Eide; Jacobus Van Der Merwe; Robert Ricci; Steven Corbato
Direct Costs: $1,878,958 Total Costs: $1,878,958
National Science Foundation
Role: Principal Investigator

10/01/13 - 09/30/15 Enhancing Utah APCD
Principal Investigator(s): Julio C. Facelli
Direct Costs: $218,441 Total Costs: $249,897
Utah Department of Health
Role: Principal Investigator

09/26/13 - 04/30/18 University of Utah Center for Clinical and Translational Science
Direct Costs: $2,783,320 Total Costs: $4,099,530
National Center for Advancing Translational Sciences
Role: Co-Investigator

09/01/13 - 02/28/19 Williams Syndrome
Principal Investigator(s): Julio C. Facelli
Direct Costs: $2,924,693 Total Costs: $3,593,554
National Institutes of Health
Role: Co-Principal Investigator

09/01/13 - 08/31/18 First Principles Modeling of Structure and Energetic of Pharmaceutical Crystals
Principal Investigator(s): Julio C. Facelli; Anita Orendt
Direct Costs: $1,190,094 Total Costs: $1,773,240
National Institute of General Medical Sciences
Role: Principal Investigator

08/01/12 - 07/31/13 Development Of A Prototype
Principal Investigator(s): Julio C. Facelli
National Science Foundation
Role: Co-Principal Investigator

07/01/12 - 06/30/17 University of Utah Biomedical Informatics Training Grant
Direct Costs: $835,175 Total Costs: $890,755
National Library of Medicine
Role: Co-Investigator

07/01/12 - 06/30/16 Study Of Mace Prevention
Principal Investigator(s): Julio C. Facelli
University of Colorado Denver
Role: Principal Investigator

07/01/12 - 06/30/15 Crystal Structure
Principal Investigator(s): Julio C. Facelli; Anita Orendt
National Science Foundation
Role: Co-Principal Investigator

12/01/11 - 11/30/16 Modeling of structure and energetics: co-crystals for pharmaceutical formulation
Principal Investigator(s): Julio C. Facelli
National Institutes of Health
Role: Principal Investigator

10/15/11 - 10/31/18 HPC Support for Utah Division of Air Quality
Principal Investigator(s): Julio C. Facelli; Julia D Harrison
Direct Costs: $46,867 Total Costs: $46,867
UT Division Of Air Quality
Role: Principal Investigator

08/10/11 - 05/31/16 Down's Syndrome: Bridging Brain, Genes, and Cognition
Direct Costs: $553,657 Total Costs: $553,657
Eunice Kennedy Shriver National Institute of Child Health and Human Development
Role: Co-Investigator

08/01/11 - 07/31/14 Epscor Shale
Principal Investigator(s): Julio C. Facelli; Jan Miller; Ronald J Pugmire
U.S. Department of Energy
Role: Co-Principal Investigator

04/01/11 - 03/31/13 Gene Networks for Social Cognition in Williams Syndrome
Direct Costs: $1,060,321 Total Costs: $1,585,024
Eunice Kennedy Shriver National Institute of Child Health and Human Development
Role: Co-Investigator

03/01/11 - 02/28/14 NSF Crystal Structure
Principal Investigator(s): Julio C. Facelli; Anita Orendt; David M Grant; James K Harper
National Science Foundation
Role: Co-Principal Investigator

09/30/10 - 08/30/13 Drug Discovery for Spinocerebellar Ataxia Type 2 (SCA2)
Direct Costs: $1,500,000 Total Costs: $2,257,500
National Institutes of Health
Role: Investigator

09/01/10 - 08/31/15 DARTNEt2: Developing a National Infrastructure for Clinical Translational Research.
Principal Investigator(s): Julio C. Facelli
American Academy of Family Physicians
Role: Principal Investigator

09/01/10 - 08/31/13 IDEA : Infrastructure for DARTNet to Provide Evidance for Action.
Principal Investigator(s): Julio C. Facelli
University Of Colorado At Denver (sub contract AHRQ)
Role: Principal Investigator

08/01/10 - 07/31/15 Utah-Texas Bridge to Biomedical Informatics Doctorate
Principal Investigator(s): Julio C. Facelli
Direct Costs: $954,021 Total Costs: $974,361
NIH National Institute of General Medical Sciences
Role: Principal Investigator

07/01/10 - 06/30/15 Utah Cancer Nanotechnology Training Center
Principal Investigator(s): Hamid Hanadhari
Direct Costs: $2,000,000 Total Costs: $2,160,000
National Cancer Institute
Role: Co-Investigator

07/01/10 - 06/30/15 Multifunctional Nanotherapeutics for Treatment of Ovarian and Pancratic Cancers.
Principal Investigator(s): Hamid Hanadhari
Direct Costs: $10,793,427 Total Costs: $16,000,000
National Cancer Institute
Role: Co-Investigator

07/01/10 - 06/30/15 Williams Syndrome Ppg Proj. 1
Principal Investigator(s): Julio C. Facelli
Eunice Kennedy Shriver National Institute of Child Health and Human Development
Role: Co-Principal Investigator

07/01/10 - 06/30/13 Crystal Structure Determination using X-ray Diffraction, Powder Diffracton, Solid State NMR and Crystal Structure Prediction.
Principal Investigator(s): Julio C. Facelli; David M Grant; James K Harper
National Science Foundation
Role: Co-Principal Investigator

07/01/10 - 06/30/13 Utah EPSCoR Track II: North Dakota-Utah consortium for Computational Material Science.
Principal Investigator(s): Julio C. Facelli
Direct Costs: $2,699,000 Total Costs: $2,997,495
National Science Foundation
Role: Principal Investigator

07/01/10 - 06/30/13 North Dakota- Utah Consortium
Principal Investigator(s): Julio C. Facelli
National Science Foundation
Role: Principal Investigator

07/01/10 - 06/30/13 Crystal Structure Determination using X-ray Diffraction, Powder Diffracton, Solid State NMR and Crystal Structure Prediction.
Principal Investigator(s): Julio C. Facelli; David M. Grant
Direct Costs: $537,281 Total Costs: $783,358
National Science Foundation
Role: Co-Principal Investigator

07/01/10 - 12/31/10 Hardware infrastructure to upgrade the HIPPA compliant storage and analytical environment at the Center for High Performance Computing.
Principal Investigator(s): Julio C. Facelli
Direct Costs: $50,000 Total Costs: $50,000
University of Utah
Role: Principal Investigator

04/01/10 - 03/31/13 DEcIDE: Developing Evidence on the Comparative Effectiveness of Stepped Care Antidrepressant Treatment in Primary Care.
Principal Investigator(s): Julio C. Facelli
University Of Colorado At Denver (Subcontract from AHRQ)
Role: Principal Investigator

04/01/10 - 03/31/12 Utah EPSCoR Track II-C: Advance Networking Infrastructure.
Principal Investigator(s): Steve Corbato
Direct Costs: $910,207 Total Costs: $998,747
National Science Foundation
Role: Faculty Associate

04/01/10 - 03/31/11 HIPAA Compliant Cluster
Principal Investigator(s): Julio C. Facelli
National Center for Research Resources
Role: Principal Investigator

04/01/10 - 03/31/11 Modified Genetic Algorithm for Crystal Structure Prediction (MGAC)
900,000 Hrs of computer time per year in the University of Utah CHPC Clusters
Principal Investigator(s): Julio C. Facelli
University of Utah
Role: Principal Investigator

04/01/10 - 09/30/10 Denver Public Health Contract2
Principal Investigator(s): Julio C. Facelli
Direct Costs: $27,000 Total Costs: $40,635
Denver Health
Role: Principal Investigator

12/14/09 - 12/13/10 EDS services to CDC: Standing consulting agreement
Principal Investigator(s): Julio C. Facelli
Hewlett-Packard Company
Role: Principal Investigator

12/01/09 - 11/30/12 Modeling Of Co-Crystals for Pharmaceutical formulation
Principal Investigator(s): Julio C. Facelli
National Library of Medicine
Role: Principal Investigator

10/01/09 - 09/30/11 Infrastructure for Comparative Effectiveness of Mental Health in Primary Care
Principal Investigator(s): Julio C. Facelli
Direct Costs: $185,377 Total Costs: $278,993
National Institute of Mental Health
Role: Principal Investigator

09/30/09 - 09/29/14 Global Health
Principal Investigator(s): Julio C. Facelli
National Library of Medicine
Role: Principal Investigator

09/30/09 - 09/29/11 Development Of A Statewide MPI
Principal Investigator(s): Julio C. Facelli
Direct Costs: $2,328,333 Total Costs: $2,802,895
National Institutes of Health
Role: Principal Investigator

09/01/09 - 08/31/14 Rocky Mountain Center for Translational research in Public Health Informatics (COE)
Principal Investigator(s): Julio C. Facelli
Direct Costs: $4,986,150 Total Costs: $4,986,150
Centers for Disease Control and Prevention
Role: Co-Principal Investigator of Project 2

09/01/09 - 08/31/12 MRI: ACQUISITION OF NEW CYBERINFRASTRUCTURE CAPABILITIES FOR SCIENTIFIC AND ENGINEERING DISCOVERY.
Principal Investigator(s): Julio C. Facelli; Carleton Detar; Steven Corbato; Valerio Pascucci
Direct Costs: $524,750 Total Costs: $524,750
National Science Foundation
Role: Principal Investigator

07/01/09 - 06/30/12 Parallel Genetic Algorithms
Principal Investigator(s): Julio C. Facelli
National Library of Medicine
Role: Principal Investigator

07/01/09 - 06/30/10 Development of a Course in Project Management in Health Informatics
Principal Investigator(s): Julio C. Facelli
Direct Costs: $4,000 Total Costs: $4,000
University of Utah
Role: Principal Investigator

05/01/09 - 08/31/10 Denver Public Health Contract: Deployment of a Prototype Grid Node for Biosense at Denver Health Department.
Principal Investigator(s): Julio C. Facelli
Direct Costs: $13,390 Total Costs: $20,152
Denver Health
Role: Principal Investigator

04/01/09 - 10/31/10 Distributed Ambulatory Reseach in Therapeutics Network. (DARTNet) Super Node
Principal Investigator(s): Julio C. Facelli
Direct Costs: $79,697 Total Costs: $119,944
University Of Colorado At Denver (sub contract from AHRQ)
Role: Principal Investigator

10/01/08 - 03/31/11 Clean and Secure Energy Project: Modeling Utah Oil Shales and Tar Sands
Principal Investigator(s): Julio C. Facelli
Direct Costs: $134,146 Total Costs: $134,146
National Energy Technology Laboratory
Role: Principal Investigator

10/01/08 - 09/30/09 Parallel Genetic Algorithms Development and Applications. NSF Teragrid, allocation of 500,000 service units.
Principal Investigator(s): Julio C. Facelli
National Science Foundation
Role: Principal Investigator

07/01/08 - 06/30/14 University of Utah Center for Clinical and Translational Science
Direct Costs: $4,513,700 Total Costs: $4,513,700
National Center for Research Resources
Role: Investigator

07/01/08 - 06/30/11 Crystal Structure Determination using SSNMR, XRPD and CSP methods
Principal Investigator(s): Julio C. Facelli; David M Grant; James K Harper
National Science Foundation
Role: Principal Investigator

07/01/08 - 06/30/11 Carbon-13 Magnetic Resonance Methods and Theory
Principal Investigator(s): Grant
Direct Costs: $715,000 Total Costs: $1,051,000
National Institutes of Health
Role: Senior Investigator

07/01/08 - 06/30/11 Genetic Analysis Workbench
Principal Investigator(s): Julio C. Facelli
National Center for Research Resources
Role: Principal Investigator

04/01/08 - 03/31/10 Discovery Of Genetic Interactions that indicate predisposition to multifactorial disease.
Direct Costs: $275,000 Total Costs: $297,000
Principal Investigator(s): Julio C. Facelli
National Institute of General Medical Sciences
Role: Principal Investigator

10/25/07 - 10/25/08 Crystal Structure Determination using Genetic Algorithms
Principal Investigator(s): Julio C. Facelli
Direct Costs: $11,765 Total Costs: $15,000
GlaxoSmithKline
Role: Principal Investigator

07/01/07 - 06/30/12 University of Utah Medical Informatics Training
Principal Investigator(s): Julio C. Facelli
Direct Costs: $4,239,543 Total Costs: $8,788,665
National Library of Medicine
Role: Co-Principal Investigator

10/01/06 - 09/30/09 Organic Crystal & Atomic Clusters
Principal Investigator(s): Julio C. Facelli
National Science Foundation
Role: Principal Investigator

10/01/06 - 09/30/08 Grid enabled parallel genetic algorithms to discover structures of atomic clusters and molecular crystals NSF Teragrid PHY070030
Allocation of 200,000 service units
Principal Investigator(s): Julio C. Facelli
National Science Foundation
Role: Principal Investigator

09/01/06 - 08/31/11 Cyber Bridge Multi-Discipline
Principal Investigator(s): Julio C. Facelli
University of Kentucky
Role: Principal Investigator

07/01/06 - 06/30/08 Neural Network Study of Anatomical Factors Determining Predisposition to Intracranial Aneurysms in Utah Families
Principal Investigator(s): Julio C. Facelli
Direct Costs: $29,000 Total Costs: $29,000
University of Utah Research Foundation Seed Grant
Role: Principal Investigator

10/01/05 - 09/30/09 Parallel Genetic Algorithms to Discover Structures of Atomic Clusters: Si Coinage Metals Mixed Clusters. 1,000,000 hours of computing time in the NSF TeraGrid
Principal Investigator(s): Julio C. Facelli
National Science Foundation
Role: Principal Investigator

07/01/05 - 06/30/08 Inter American Materials Collaboration (Ciam): Parallel
Principal Investigator(s): Julio C. Facelli
National Science Foundation
Role: Principal Investigator

04/01/05 - 06/03/07 Graphical Modeling for Analysis of Association between Phenotypes and Disequilibria Loci.
National Institutes of Health
Role: Senior Investigator

05/01/04 - 06/03/07 Carbon-13 NMR Solid State Hydrocarbons and Related Substances
Principal Investigator(s): Grant
Direct Costs: $401,000 Total Costs: $600,000
Department of Energy Office of Science
Role: Senior Investigator

09/01/03 - 08/30/08 ITR: Development of a Web-based Grid-Computing Environment for Research and Education in Computational Science and Engineering
Direct Costs: $4,000,000 Total Costs: $4,000,000
National Science Foundation
Role: Co-Investigator

07/01/02 - 09/29/04 From Proteins To Populations: A Mega-Cluster for Biomedical Applications
Principal Investigator(s): Julio C. Facelli
Direct Costs: $1,531,008 Total Costs: $1,531,008
National Center for Research Resources
Role: Principal Investigator

07/01/00 - 06/30/04 Modeling C-13 and N-15 Chemical Shifts in Crystalline Systems
Principal Investigator(s): Julio C. Facelli
Direct Costs: $16,899 Total Costs: $25,265
National Science Foundation
Role: Principal Investigator

07/01/97 - 06/30/12 University of Utah Biomedical Informatics Training Grant
Principal Investigator(s): Julio C. Facelli
Direct Costs: $10,430,081 Total Costs: $11,107,421
National Library of Medicine
Role: Co-Principal Investigator

Past Contracts

09/30/10 - 08/31/13 Scalable Architecture for Federated Therapeutic Inquiries Network (SAFTINet)
Principal Investigator(s): Julio C. Facelli
Direct Costs: $465,831 Total Costs: $690,096
University Of Colorado At Denver (AHRQ sub contract)
Role: Principal Investigator

TEACHING RESPONSIBILITIES/ASSIGNMENTS

Course and Curriculum Development

2018	BMI 6806: Translatinal Research Informatics
2010	BMI 6661: Project Management in Health Informatics
2007	BMI 6420: Advanced Biomedical Computing

Courses Directed

1986 - 1987	CHEM 3060/70, Physical Chemistry
1998 - 2001	ACCTG 4450, Telecommunications
2000 - 2005	MATH 6790, Case Studies in Computational Sciences
2010 - 2013	MDINFO 7005, Bioinformatics Seminar
2015 - 2017	BMI 7010 Journal Club in Advanced Comp Methods

Course Lectures

2023	PI, BMI 6950: Special Topics, 0 students, University of Utah, S. F. E. School of Medicine
2023	PI, BMI 7970: Thesis Research - Ph.D., 0 students, University of Utah, S. F. E. School of Medicine
2023	PI, BMI 6806: Translational Info, 0 students, University of Utah, S. F. E. School of Medicine
2023	PI, BMI 6970: Thesis Research - M.S., 0 students, University of Utah, S. F. E. School of Medicine
2023	PI, BMI 680: Translational Info, 0 students, University of Utah, S. F. E. School of Medicine
2023	PI, BMI 6806: Translational Info, 0 students, University of Utah, S. F. E. School of Medicine
2023	PI, BMI 7901: BMI Independent Study, 0 students, University of Utah, S. F. E. School of Medicine
2023	PI, BMI 7970: Thesis Research - Ph.D., 0 students, University of Utah, S. F. E. School of Medicine
2023	PI, BMI 7902: BMI Practicum, 0 students, University of Utah, S. F. E. School of Medicine
2023	PI, BMI 6950: Special Topics, 0 students, University of Utah, S. F. E. School of Medicine
2023	PI, BMI 6950: Special Topics, 1 student, University of Utah, S. F. E. School of Medicine
2023	PI, BMI 7902: BMI Practicum, 1 student, University of Utah, S. F. E. School of Medicine

2023	PI, BMI 6970: Thesis Research - M.S., 0 students, University of Utah, S. F. E. School of Medicine
2023	PI, BMI 7901: BMI Independent Study, 2 students, University of Utah, S. F. E. School of Medicine
2023	PI, BMI 7970: Thesis Research - Ph.D., 2 students, University of Utah, S. F. E. School of Medicine
2023	PI, BMI 7901: BMI Independent Study, 2 students, University of Utah, S. F. E. School of Medicine
2023	PI, BMI 6950: Special Topics, 1 student, University of Utah, S. F. E. School of Medicine
2022	PI, BMI 6806: Translational Info, 10 students, University of Utah, S. F. E. School of Medicine
2022	PI, BMI 6806: Translational Info, 1 student, University of Utah, S. F. E. School of Medicine
2022	PI, BMI 680: Translational Info, 0 students, University of Utah, S. F. E. School of Medicine
2022	PI, BMI 7901: BMI Independent Study, 3 students, University of Utah, S. F. E. School of Medicine
2022	PI, BMI 6970: Thesis Research - M.S., 0 students, University of Utah, S. F. E. School of Medicine
2022	PI, BMI 7970: Thesis Research - Ph.D., 1 student, University of Utah, S. F. E. School of Medicine
2022	PI, BMI 6806: Translational Info, 0 students, University of Utah, S. F. E. School of Medicine
2022	PI, BMI 6950: Special Topics, 1 student, University of Utah, S. F. E. School of Medicine
2022	PI, BMI 7970: Thesis Research - Ph.D., 0 students, University of Utah, S. F. E. School of Medicine
2022	PI, BMI 6950: Special Topics, 0 students, University of Utah, S. F. E. School of Medicine
2022	PI, BMI 7902: BMI Practicum, 1 student, University of Utah, S. F. E. School of Medicine
2022	PI, BMI 7970: Thesis Research - Ph.D., 2 students, University of Utah, S. F. E. School of Medicine
2022	PI, BMI 6970: Thesis Research - M.S., 0 students, University of Utah, S. F. E. School of Medicine
2022	PI, BMI 7902: BMI Practicum, 0 students, University of Utah, School of Medicine
2022	PI, BMI 7902: BMI Practicum, 1 student, University of Utah, S. F. E. School of Medicine
2021	PI, BMI 6806: Translational Info, 2 students, University of Utah, S. F. E. School of Medicine
2021	PI, BMI 6806: Translational Info, 12 students, University of Utah, S. F. E. School of Medicine
2021	PI, BMI 7000: Graduate Seminar, 1 student, University of Utah, S. F. E. School of Medicine

2021	PI, BMI 6970: Thesis Research - M.S., 1 student, University of Utah, S. F. E. School of Medicine
2021	PI, BMI 680: Translational Info, 0 students, University of Utah, S. F. E. School of Medicine
2021	PI, BMI 6806: Translational Info, 0 students, University of Utah, S. F. E. School of Medicine
2021	PI, BMI 7970: Thesis Research - Ph.D., 3 students, University of Utah, S. F. E. School of Medicine
2021	PI, BMI 7970: Thesis Research - Ph.D., 0 students, University of Utah, S. F. E. School of Medicine
2021	PI, BMI 6950: Special Topics, 0 students, University of Utah, S. F. E. School of Medicine
2021	PI, BMI 7902: BMI Practicum, 0 students, University of Utah, S. F. E. School of Medicine
2021	PI, BMI 7970: Thesis Research - Ph.D., 2 students, University of Utah, S. F. E. School of Medicine
2021	PI, BMI 7902: BMI Practicum, 0 students, University of Utah, S. F. E. School of Medicine
2021	PI, BMI 6970: Thesis Research - M.S., 0 students, University of Utah, S. F. E. School of Medicine
2020	PI, BMI 6970: Thesis Research - M.S., 0 students, University of Utah, S. F. E. School of Medicine
2020	PI, BMI 7902: BMI Practicum, 1 student, University of Utah, S. F. E. School of Medicine
2020	PI, BMI 7970: Thesis Research - Ph.D., 3 students, University of Utah, S. F. E. School of Medicine
2020	PI, BMI 680: Translational Info, 0 students, University of Utah, S. F. E. School of Medicine
2020	PI, BMI 7000: Graduate Seminar, 1 student, University of Utah, S. F. E. School of Medicine
2020	PI, BMI 6806: Translational Info, 10 students, University of Utah, S. F. E. School of Medicine
2020	PI, BMI 6806: Translational Info, 0 students, University of Utah, S. F. E. School of Medicine
2020	PI, BMI 7970: Thesis Research - Ph.D., 0 students, University of Utah, S. F. E. School of Medicine
2020	PI, BMI 7970: Thesis Research - Ph.D., 5 students, University of Utah, S. F. E. School of Medicine
2020	PI, BMI 6970: Thesis Research - M.S., 0 students, University of Utah, S. F. E. School of Medicine
2020	PI, BMI 7902: BMI Practicum, 1 student, University of Utah, S. F. E. School of Medicine
2020	PI, BMI 7902: BMI Practicum, 1 student, University of Utah, S. F. E. School of Medicine

2019	PI, BMI 7970: Thesis Research - Ph.D., 4 students, University of Utah, S. F. E. School of Medicine
2019	PI, BMI 6806: Translational Info, 8 students, University of Utah, S. F. E. School of Medicine
2019	PI, BMI 680: Translational Info, 0 students, University of Utah, S. F. E. School of Medicine
2019	PI, BMI 7902: BMI Practicum, 1 student, University of Utah, S. F. E. School of Medicine
2019	PI, BMI 6806: Translational Info, 14 students, University of Utah, S. F. E. School of Medicine
2019	PI, BMI 6970: Thesis Research - M.S., 0 students, University of Utah, S. F. E. School of Medicine
2019	PI, BMI 7970: Thesis Research - Ph.D., 1 student, University of Utah, S. F. E. School of Medicine
2019	PI, BMI 7970: Thesis Research - Ph.D., 4 students, University of Utah, School of Medicine
2019	PI, BMI 6806: Translational Info, 2 students, University of Utah, School of Medicine
2019	PI, BMI 7902: BMI Practicum, 0 students, University of Utah, School of Medicine
2019	PI, BMI 6970: Thesis Research - M.S., 1 student, University of Utah, School of Medicine
2018	PI, BMI 7970: Thesis Research - Ph.D., 4 students, University of Utah, School of Medicine
2018	PI, BMI 6970: Thesis Research - M.S., 6 students, University of Utah, School of Medicine
2018	PI, BMI 6806: Translational Info, 0 students, University of Utah, School of Medicine
2018	PI, BMI 6806: Translational Info, 4 students, University of Utah, School of Medicine
2018	PI, BMI 6970: Thesis Research - M.S., 0 students, University of Utah, School of Medicine
2018	PI, BMI 7970: Thesis Research - Ph.D., 0 students, University of Utah, School of Medicine
2018	PI, BMI 7970: Thesis Research - Ph.D., 4 students, University of Utah, School of Medicine
2018	PI, BMI 6970: Thesis Research - M.S., 4 students, University of Utah, School of Medicine
2017	Invited lecture, BIOEN 6405: Principles of Nanomedicine, University of Utah, Bioengineering
2017	PI, BMI 7970: Thesis Research - Ph.D., 5 students, University of Utah, School of Medicine
2017	PI, BMI 6970: Thesis Research - M.S., 0 students, University of Utah, School of Medicine
2017	PI, BMI 7010: Journal Club, 0 students, University of Utah, School of Medicine

2017	Facilitator, Brain and Behavior - Case Based Learning #8, University of Utah, Biomedical Informatics, Case Based Learning #8
2017	Facilitator, Brain and Behavior - Case Based Learning #6, University of Utah, Biomedical Informatics, Case Based Learning #6
2017	Facilitator, Brain and Behavior - Case Based Learning #5, University of Utah, Biomedical Informatics, Case Based Learning #5
2017	Facilitator, Brain and Behavior - Case Based Learning #4, University of Utah, Biomedical Informatics, Case Based Learning #4
2017	Facilitator, Brain and Behavior - Case Based Learning #3, University of Utah, Biomedical Informatics, Case Based Learning #3
2017	Facilitator, Brain and Behavior - Case Based Learning #2, University of Utah, Biomedical Informatics, Case Based Learning #2
2017	Facilitator, Brain and Behavior - Case Based Learning #1, University of Utah, Biomedical Informatics, Case Based Learning #1
2016	Facilitator, Foundations of Medicine - FOM CBL 6, University of Utah, Biomedical Informatics, FOM CBL 6
2016	PI, BMI 7010: Journal Club, 3 students, University of Utah, School of Medicine
2016	Facilitator, Brain and Behavior - Case Based Learning #8, University of Utah, Biomedical Informatics, Case Based Learning #8
2016	Facilitator, Brain and Behavior - Case Based Learning #6, University of Utah, Biomedical Informatics, Case Based Learning #6
2016	Facilitator, Brain and Behavior - Case Based Learning 5, University of Utah, Biomedical Informatics, Case Based Learning 5
2016	Facilitator, Brain and Behavior - Case Based Learning 3, University of Utah, Biomedical Informatics, Case Based Learning 3
2016	Facilitator, Brain and Behavior - Case Base Learning #2 , University of Utah, Biomedical Informatics, Case Base Learning #2
2016	Facilitator, Brain and Behavior - Case Based Learning #1, University of Utah, Biomedical Informatics, Case Based Learning #1
2015	Facilitator, Foundations of Medicine - MS2019 FOM CBL-8, University of Utah, Biomedical Informatics, MS2019 FOM CBL-8
2015	Facilitator, Foundations of Medicine - MS2019 FOM CBL-5, University of Utah, Biomedical Informatics, MS2019 FOM CBL-5
2015	Facilitator, Foundations of Medicine - MS2019 FOM CBL-4, University of Utah, Biomedical Informatics, MS2019 FOM CBL-4
2015	PI, BMI 7010: Advanced Computing & Big Data, 2 students, University of Utah, School of Medicine
2015	Facilitator, Brain and Behavior - CBL 8 and Feedback Session, University of Utah, Biomedical Informatics, CBL 8 and Feedback Session
2015	Facilitator, Brain and Behavior - Case Based Learning #6 , University of Utah, Biomedical Informatics, Case Based Learning #6
2015	Facilitator, Brain and Behavior - Case Based Learning #5, University of Utah, Biomedical Informatics, Case Based Learning #5

2015	Facilitator, Brain and Behavior - Case Based Learning #4 and Feedback Session , University of Utah, Biomedical Informatics, Case Based Learning #4 and Feedback Session
2015	Facilitator, Brain and Behavior - Case Based Learning #3, University of Utah, Biomedical Informatics, Case Based Learning #3
2015	Facilitator, Brain and Behavior - Case Based Learning #2, University of Utah, Biomedical Informatics, Case Based Learning #2
2015	Facilitator, Brain and Behavior - Case Based Learning Week1, University of Utah, Biomedical Informatics, Case Based Learning Week1
2014	Facilitator, Foundations of Medicine - Case Based Learning 13, University of Utah, Biomedical Informatics, Case Based Learning 13
2014	Facilitator, Foundations of Medicine - Case Based Learning 12, University of Utah, Biomedical Informatics, Case Based Learning 12
2014	Facilitator, Foundations of Medicine - Case Based Learning 11, University of Utah, Biomedical Informatics, Case Based Learning 11
2014	Facilitator, Foundations of Medicine - Case Based Learning 10, University of Utah, Biomedical Informatics, Case Based Learning 10
2014	Facilitator, Foundations of Medicine - Case Based Learning 9, University of Utah, Biomedical Informatics, Case Based Learning 9
2014	Facilitator, Foundations of Medicine - Case Based Learning 8, University of Utah, Biomedical Informatics, Case Based Learning 8
2014	Facilitator, Foundations of Medicine - Case Based Learning 6, University of Utah, Biomedical Informatics, Case Based Learning 6
2014	Facilitator, Foundations of Medicine - Case Based Learning 3, University of Utah, Biomedical Informatics, Case Based Learning 3
2014	Facilitator, Foundations of Medicine - Case Based Learning 2, University of Utah, Biomedical Informatics, Case Based Learning 2
2014	Facilitator, Foundations of Medicine - Case Based Learning 1, University of Utah, Biomedical Informatics, Case Based Learning 1
2014	Instructor, Case Based Learning 6, : MS2017 MCC - Case Based Learning 6
2014	Facilitator, Molecules, Cells, and Cancer - Case Based Learning-6, University of Utah, Biomedical Informatics, Case Based Learning-6
2014	Instructor, Case Based Learning 4, : MS2017 MCC - Case Based Learning 4
2014	Facilitator, Molecules, Cells, and Cancer - Case Based Learning-4 , University of Utah, Biomedical Informatics, Case Based Learning-4
2014	Instructor, Case Based Learning 3, : MS2017 MCC - Case Based Learning 3
2014	Facilitator, Molecules, Cells, and Cancer - Case Based Learning-3, University of Utah, Biomedical Informatics, Case Based Learning-3
2014	Instructor, Case Based Learning 2, : MS2017 MCC - Case Based Learning 2
2014	Facilitator, Molecules, Cells, and Cancer - Case Based Learning-2, University of Utah, Biomedical Informatics, Case Based Learning-2
2014	Instructor, Case Based Learning 1, : MS2017 MCC - Case Based Learning 1
2014	Facilitator, Molecules, Cells, and Cancer - CBL-1, University of Utah, Biomedical Informatics, CBL-1

2013 Instructor, MD ID: Case Based Learning 13, Office of the Dean/Medicine, : MS2017 Phase I - Case Based Learning 13

2013 Facilitator, Foundations of Medicine - ms2017 CBL-13, University of Utah, Biomedical Informatics, ms2017 CBL-13

2013 Instructor, MD ID: Case Based Learning 12, Office of the Dean/Medicine, : MS2017 Phase I - Case Based Learning 12

2013 Facilitator, Foundations of Medicine - ms2017 CBL-12, University of Utah, Biomedical Informatics, ms2017 CBL-12

2013 Instructor, MD ID: Case Based Learning 11, Office of the Dean/Medicine, : MS2017 Phase I - Case Based Learning 11

2013 Facilitator, Foundations of Medicine - ms2017 CBL-11, University of Utah, Biomedical Informatics, ms2017 CBL-11

2013 Instructor, MD ID: Case Based Learning 10, Office of the Dean/Medicine, : MS2017 Phase I - Case Based Learning 10

2013 Facilitator, Foundations of Medicine - ms2017 CBL-10, University of Utah, Biomedical Informatics, ms2017 CBL-10

2013 Instructor, MD ID: Case Based Learning 7, Office of the Dean/Medicine, : MS2017 Phase I - Case Based Learning 7

2013 Facilitator, Foundations of Medicine - ms2017 CBL-7, University of Utah, Biomedical Informatics, ms2017 CBL-7

2013 Instructor, MD ID: Case Based Learning 6, Office of the Dean/Medicine, : MS2017 Phase I - Case Based Learning 6

2013 Facilitator, Foundations of Medicine - ms2017 CBL-6, University of Utah, Biomedical Informatics, ms2017 CBL-6

2013 Instructor, MD ID: Case Based Learning 5, Office of the Dean/Medicine, : MS2017 Phase I - Case Based Learning 5

2013 Facilitator, Foundations of Medicine - ms2017 CBL-5, University of Utah, Biomedical Informatics, ms2017 CBL-5

2013 Instructor, MD ID: Case Based Learning 4, Office of the Dean/Medicine, : MS2017 Phase I - Case Based Learning 4

2013 Facilitator, Foundations of Medicine - ms2017 CBL-4, University of Utah, Biomedical Informatics, ms2017 CBL-4

2013 Instructor, MD ID: Case Based Learning 3, Office of the Dean/Medicine, : MS2017 Phase I - Case Based Learning 3

2013 Integrated Case: Facilitator, Foundations of Medicine - CBL - 3 , University of Utah, Biomedical Informatics, CBL - 3

2013 Facilitator, Foundations of Medicine - ms2017 CLB-3, University of Utah, Biomedical Informatics, ms2017 CLB-3

2013 Instructor, MD ID: Case Based Learning 2, Office of the Dean/Medicine, : MS2017 Phase I - Case Based Learning 2

2013 Facilitator, Foundations of Medicine - ms2017 CBL-2, University of Utah, Biomedical Informatics, ms2017 CBL-2

2012 PI, BMI 7000: Graduate Seminar, 44 students, University of Utah, School of Medicine

2012	PI, BMI 7000: Graduate Seminar, 26 students, University of Utah, School of Medicine
2010	Instructor, BMI 6661: Project Management in Health Informatics, University of Utah, Biomedical Informatics

Mentoring/Advising

Fellow

2019 - Present	Advisor/Mentor, Naomi Rich, University of Utah
2019 - Present	Advisor/Mentor, Jay Kitt, University of Utah
2018 - 2021	Advisor/Mentor, Le-Thuy Tran, University of Utah
2017 - Present	Advisor/Mentor, Joshua Klonoski, University of Utah
2017 - Present	Advisor/Mentor, Danielle Groat, University of Utah
2016 - 2017	Advisor/Mentor, Dr. Kailah Davis, University of Utah
2015 - 2018	Advisor/Mentor, Dr. Jianyin Shao, University of Utah
2015 - 2018	Advisor/Mentor, Albert Lund, University of Utah
2010 - 2012	Advisor/Mentor, Dr. Shyam Badu, University of Utah, Postdoctoral fellow
2009 - 2011	Advisor/Mentor, Dr. Olinto Linares-Perdomo, University of Utah, Postdoctoral fellow
2009 - 2010	Advisor/Mentor, Dr. Ian Pimienta, University of Utah, Postdoctoral fellow
2007 - 2009	Advisor/Mentor, Dr. Seonah Kim, University of Utah, Postdoctoral fellow

PhD/Doctorate

2017 - Present	Advisor/Mentor, Vanja Panic, University of Utah, T32 Computational Diabetis Training Grant co-mentor.

Masters

2018 - Present	Advisor/Mentor, Liset van Wijk, Amsterdam Medical Center
2016	Advisor/Mentor, Henry Smith, University of Utah, Visiting Student from University of Southampton.

Medical Student

2016	Advisor/Mentor, Joshua Klonoski, University of Utah, Visiting Medical Student from University of South Dakota School of Medicine
2015	Advisor/Mentor, John Marett, University of Utah

Undergraduate

2015	Advisor/Mentor, Max Stritzinger, University of Utah
2015	Advisor/Mentor, Smita Sahay, University of Utah
2014 - 2015	Advisor/Mentor, Rolando Hernadez, University of Utah, Summer visiting student
2014 - Present	Advisor/Mentor, Nicole Burnett, University of Utah

2005	Advisor/Mentor, Sindhu Karanam, University of Utah
2003 - 2004	Advisor/Mentor, Xiao Gao, University of Utah
2001 - 2002	Advisor/Mentor, Elijah Gregory, University of Utah
1999 - 2001	Advisor/Mentor, Nancy Newren, University of Utah
1989 - 1990	Advisor/Mentor, Brent Nakagawa, University of Utah

High School

2018 - Present	Advisor/Mentor, Christopher Li, University of Utah

Graduate Student Committees

2023	Chair, Sejal Mistry, University of Utah
2021 - 2022	Chair, Ramamurthy Siripuram, University of Utah
2020 - Present	Chair, Ramamurthy Siripuram, University of Utah
2020 - 2021	Chair, Rolando Hernandez Trapero, University of Utah
2020	Chair, Soyoung An, University of Utah
2020	Chair, Jay Kitt, University of Utah
2020 - 2021	Chair, Jose Garcia, University of Utah
2018 - Present	Chair, Wonkyung Lee, University of Utah
2018 - 2020	Chair, Diane Walker, University of Utah
2017 - Present	Chair, Soyoung An, University of Utah
2017 - 2022	Chair, Janette Vazquez, University of Utah
2016 - Present	Chair, Diane M. Walker, University of Utah
2016 - 2018	Chair, Lance Pflieger, University of Utah
2016 - Present	Chair, Janette Vazquez, University of Utah
2016 - Present	Chair, Rolando Hernandez, University of Utah
2015 - Present	Member, Damian Grillo, University of Buenos Aires, (Physics-Computer Science)
2015 - Present	Member, Xiangyang Ye, University of Utah
2015 - 2018	Member, Tiago Colicchio, University of Utah
2014 - 2016	Chair, Richard Bradshaw, University of Utah
2014 - 2017	Chair, Jingran Wen, University of Utah
2014 - 2018	Chair, Lance Pflieger, University of Utah
2014 - 2015	Chair, Richard Brandshaw, University of Utah
2013 - 2016	Member, Albert Lund, University of Utah
2013 - 2016	Member, Sean Cornillie, University of Utah, Medicinal Chemistry
2013 - 2014	Member, Mahesh K. Shriwas, University of Utah, Mining Engineering,
2012 - 2016	Chair, David Jones, University of Utah
2012 - 2018	Chair, Naresh Rajan, University of Utah
2012 - 2016	Chair, Jingren Wen, University of Utah
2012	Chair, Mark Ebbert, University of Utah
2012 - Present	Member, Nicole Ruiz-Schultz, University of Utah

2011 - 2017	Member, Tim Aderton, University of Utah, (Physics)
2011 - 2016	Member, David Jones, University of Utah, (Biomedical Informatics)
2011 - 2013	Chair, Mark Ebbert, University of Utah, (Biomedical Informatics)
2011 - 2015	Member, David Harris, University of Utah, (Physics)
2011 - 2014	Chair, Kailah Davis, University of Utah
2010 - 2014	Chair, Julien Thibault, University of Utah
2010 - 2013	Member, Diane L. Neff, University of Utah, (Chemistry)
2010 - Present	Chair, Reid Robison, University of Utah
2010 - 2014	Member, Kailah Davis, University of Utah, (Biomedical Informatics)
2010 - 2014	Chair, Julien Thibault, University of Utah, (Biomedical Informatics)
2010	Chair, Reid Robinson, University of Utah, (Biomedical Informatics)
2009 - 2014	Member, Shan He, University of Utah, (Biomedical Informatics)
2009 - Present	Chair, Antonio Garcia, University of Utah, (Biomedical Informatics)
2008 - 2010	Chair, Nephi Walton, University of Utah, (Biomedical Informatics)
2008 - 2014	Member, Yuling Jiang, University of Utah, (Biomedical Informatics)
2008 - 2014	Member, Martin Cryer, University of Utah, (Biomedical Informatics)
2008 - 2013	Member, David K. Crockett, University of Utah, (Biomedical Informatics)
2008 - 2010	Member, Xiaohui Cang, University of Utah, (Medicinal Chemistry)
2008 - 2009	Chair, Sergey Krikov, University of Utah, (Biomedical Informatics)
2008 - 2009	Member, InSuk Joung, University of Utah, (Bioengineering)
2007 - 2008	Member, Scott Smith Pendley, University of Utah, (Medicinal Chemistry)
2005 - 2008	Chair, Tobias Rausch, University of Utah, (Medical Informatics)
2005 - 2008	Member, Isaac Kunz, University of Utah, (Medical Informatics)
2004 - 2005	Member, Bharath K. Jannu, University of Utah, (Computational Science and Engineering)
2003 - 2005	Member, Lance A. Griffiths, University of Utah, (Electrical Engineering)
2003 - 2004	Member, Mark Roberson, University of Utah, (Chemistry)
2003 - 2004	Member, Stefan P. Domino, University of Utah, (Ph.D., Chemical Engineering)
2003 - 2004	Member, Armin Liebchen, University of Utah, (Computer Science)
2002 - 2006	Chair, Victor Bazterra, University of Buenos Aires, (Physics)

Independent Study Supervised

2021 - Present	Kenyon Mitchell, undergraduate student Chemistry, Utah State University
2021 - Present	Kishan Thambu, Undergraduate Student from Biomedical Engineering, University of Utah
2020 - Present	Adriana Payan-Medican, Chemical Engineering undergraduate student, University of Utah
2019	Victoria Glob, Summer Program for Undergraduate Research (SPUR) Student
2019	Chealsea Li, Summer Program for Undergraduate Research (SPUR) Student

PEER-REVIEWED JOURNAL ARTICLES

1. Mistry S, Gouripeddi R, Raman V, **Facelli JC** (2022). Stratifying risk for onset of type 1 diabetes

using islet autoantibody trajectory clustering.(Epub ahead of print). *Diabetologia*.

2. Brockmeyer DL, Cheshier SH, Stevens J, **Facelli JC**, Rowe K, Heiss JD, Musolf A, Viskochil DH, Allen-Brady KL, Cannon-Albright LA (2022). A likely HOXC4 predisposition variant for Chiari malformations.(Epub ahead of print) *J Neurosurg*, 1-9.
3. Riches NO, Gouripeddi R, Payan-Medina A, **Facelli JC** (2022). K-means cluster analysis of cooperative effects of CO, NO^2, O^3, $PM^{2.5}$, PM^{10}, and SO^2 on incidence of type 2 diabetes mellitus in the US. *Environ Res*, *212*(Pt B), 113259.
4. Thambu K, Glomb V, Hernandez Trapero R, **Facelli JC** (2021). Microproteins: a 3D protein structure prediction analysis. *J Biomol Struct Dyn*, *40*, 1-9.
5. Mistry S, Gouripeddi R, **Facelli JC**, **Facelli JC** (2021). Data-driven identification of temporal glucose patterns in a large cohort of nondiabetic patients with COVID-19 using time-series clustering. *JAMIA Open*, *4*(3), ooab063.
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8. Teerlink CC, Jurynec MJ, Hernandez R, Stevens J, Hughes DC, Brunker CP, Rowe K, Grunwald DJ, **Facelli JC**, Cannon-Albright LA (2021). A role for the MEGF6 gene in predisposition to osteoporosis. *Ann Hum Genet*, *85*(2), 58-72.
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3. Gouripeddi R, Riches N, Cummins M, Sward K, **Facelli JC** (2021). Bringing Exposures into Mainstream Translational Research: Informatics Opportunities and Methods [Abstract]. *Journal of Clinical and Translational Science. 2021:1-2. Epub 2021/03/30. doi: 10.1017/cts.2021.520.*
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POSTER PRESENTATIONS

2021	**Characterizing Effects of Air Pollution Exposure in Diabetic Patients Affected by COVID19,** AMIA 2021 Virtual Informatics Summit.
2021 - Present	Characterizing Temporal Patterns in Glucose Dysregulation Following SARS-CoV-2 Infection, Translational Sceince 2021
2020	**A Harmonized Framework to Evaluate Impacts of ECHO Pain and Opioid Training on Patients and Clinicians: A Harmonized Framework to Evaluate Impacts of ECHO Pain and Opioid Training on Patients and Clinicians. AMIA Annual Symposium, Virtual Conference, November 14-18 2020.**
2020	Exploring Environmental Risk Factors for COVID-19 Mortality and Case Rates in Type 2 Diabetes Using Machine Learning, Climatological, Meteorological and Environmental factors in the COVID-19 pandemic (online event); **4-6 August 2020. (**https://public.wmo.int/en/events/meetings/covid-19-symposium

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2019	Gouripeddi R, Groat D, Abdelrahman SE, Cheathm T, Cummins M, Eilbeck K, LaSalle B, Sward K, **Facelli JC**. *Competency-based Informatics Course for Translational Researchers, Distinguish Poster Oral Presentation*. Poster session presented at Translational Science 2019, Washington, DC.
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2018	Lund A, Gourippedi R, Burnett N, Tran LT, Mo P, Madsen R, Cummings M, Sward K, **Facelli JC**. *Enabling Reproducible Computational Modeling: The Utah PRISMS Ecosystem*. Poster session presented at Utah Research Reroducibility 2018, Salt Lake City, Utah.
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2018	Groat D, Gouripeddi R, Lin YK, Dere W, Murray M, Gesteland P, **Facelli JC**. *Identification of High-Level Formalisms that Support Translational Research Reproducibility*. Poster session presented at Utah Research Reproducibility Conference, Salt Lake City, Utah.

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2016 Shao J, Gouripeddi R, **Facelli JC**. *Improving Clinical Trial Cohort Definition Criteria and Enrollment with Distributional Semantic Matching*. Poster session presented at Research Reproducibility Symposium 2016, Salt Lake City, Utah.

2016 Pflieger L, Hernandez R, **Facelli JC**. *Uncertainty Quantification and Reproducibility in the Biomedical Domain*. Poster session presented at Research Reproducibility Symposium 2016, Salt Lake City, Utah.

2016 Gouripeddi R, Warner P, Madsen R, Mo P, Burnett N, Wen J, Lund A, Butcher R, Cummins M, **Facelli JC**, Katherine Sward K. *An Infrastructure for Reproducible Exposomic Research*. Poster session presented at Research Reproducibility Symposium 2016, Salt Lake City, Utah.

2016 Gouripeddi R, Mo P, Madsen R, Warner P, Butcher R, Wen J, Shao J, Burnett N, Rajan NS, LaSalle B, **Facelli JC**. *A Framework for Metadata Management and Automated Discovery for Heterogeneous Data Integration*. Poster session presented at B2K All Hands Meeting, Bethesda, MD.

2016 Gouripeddi R, Eilbeck K, Cummins M, Sward K, LaSalle B, Peterson K, Madsen R, Warner P, Dere W, **Facelli JC**. *A Conceptual Architecture for Reproducible On-demand Data Integration for Complex Diseases*. Poster session presented at Research Reproducibility Symposium 2016, Salt Lake City, Utah.

2016 Gouripeddi R, Cummins M, Madsen R, LaSalle B, Redd A, Ye X, Presson A, Greene T, **Facelli JC**. *Streamlining Study Design and Statistical Analysis*. Poster session presented at Research Reproducibility Symposium 2016, Salt Lake City, Utah.

2016 Sward KA, Bui AAT, Ambite JL, Dellarco M, **Facelli JC**, Guilliland FD. *Pediatric Research using Integrated Sensor Technology (PRISMS): Applying Sensor Technology and Informatics to Better Understand Asthma*. Poster session presented at 2016 AMIA Annual Symposium, Chicago, IL.

2016 Colicchio TK, Facelli, JC Del Fiol G, Scammon DL, Bowes III WA, Narus SP. *Assessment of the Heterogeneity of Outcome Measurements for IT Interventions in Health Care*. Poster session presented at AMIA 2016 Annual Symposyum, Chicago, IL.

2015 Gouripeddi R, Burnett N, **Facelli JC**. *Data, Modeling, Uncertainty and Integration: The Informatics of an Air Quality Exposome*. Poster session presented at 25th Annual Meeting, International Society for Exposure Science, Henderson, NV.

2014 Burnett N, Madsen R, Mo P, Rajan N, Gouripeddi R, **Facelli JC**. *Informatics Resources for Supporting Biomedical and Environmental Research*. Poster session presented at Air Quality Competition – Summer to Fall 2014, Big Data Utah.

2014 LaSalle B, Gouripeddi R, Madsen R, **Facelli JC**. *Repurposing Heath Data Warehouses for Biomedical Research Using OpenFurther*. Poster session presented at 2014 Annual Healthcare Data Warehousing Association (hdwa), Portland, Maine.

2014 Mo P, Schultz D, Bradshaw RL, Butcher R, Gouripeddi R, Warner PB, Madsen RK, LaSalle B, **Facelli JC**. *Real-time Federated Data Translations using Metadata-driven XQuery*. Poster session presented at AMIA Translational Summit, San Francisco.

2013 Gouripeddi R, Madsen R, Bradshaw RL, Schultz ND, Butcher R, Warner PB, Mo P, LaSalle BA, **Facelli JC**. *Initial Lessons for Developing a User-Interface for Querying Federated Heterogeneous Data Sources* . Poster session presented at WISH 2013 – Workshop on Interactive Systems in Healthcare, Washington, DC.

2013 Gouripeddi R, Schultz ND, Butcher R, Mo P, Bradshaw RL, Madsen R, Warner PB, LaSalle BA, **Facelli JC**. *OpenFurther: Federating and Generating OMOP Datasets*. Poster session presented at OMOP-IMEDS 2013 Symposium, Bethesda, MD.

2013 Gouripeddi R, Randy Madsen R, Bradshaw RL, Schultz ND, Butcher R, Warner PB, Mo P, LaSalle BA, **Facelli JC**. *Initial Lessons for Developing a User-Interface for Querying Federated Heterogeneous Data Sources R*. Poster session presented at WISH 2013 – Workshop on Interactive Systems in Healthcare, Washington, November 2013.

2013 Madsen R, Richard L. Bradshaw RL, Schultz D, Butcher R, Gouripeddi R, Mitchell JA, Facelli JC. *Knowledge Driven Inclusion and Exclusion Criteria Refinement within the FURTHeR Framework*. Poster session presented at 2013 AMIA Annual Symposium, Washigton, DC.

2013 Warner P, Mo P, Dustin Schultz D, Gouripeddi R, **Facelli JC**. *On the Fly Linkage of Records Containing Protected Health Information (PHI) Within the FURTHeR Framework*. Poster session presented at 2013 Amia Annual Symposium, Washington, DC.

2013 Ryan Butcher, Ramkiran Gouripeddi, Randy Madsen, Julio C. Facelli. *Using Primitive Role Relationships in SNOMED to Enhance Concept Searching by Limiting Semantic Variability in FURTHeR*. Poster session presented at 2013 AMIA Annual Symposium, Wshington, DC.

2013 Richard L. Bradshaw, Dustin Schultz, Randy Madsen, Ramkiran Gouripeddi, Ryan Butcher, Bernie LaSalle, Julio C. Facelli. *Going FURTHeR with 3 Federated Query Types*. Poster session presented at 2013 AMIA Annual Symposium, Washington, DC.

2013 Peter Mo, Randy K. Madsen, Richard L. Bradshaw, Dustin Schultz, Ryan Butcher, Bernie LaSalle, Ramkiran Gouripeddi, Julio C. Facelli. *Federating caTissue with FURTHeR*. Poster session presented at 2013 AMIA Annual Symposium, Washington, DC.

2013 N. Dustin Schultz, Bernard A. LaSalle, Shan He, Ramkiran Gouripeddi, Ryan Butcher, Julio C. Facelli. *Creating a Secure, Easily Accessible Environment for PHI Data Exports within FURTHeR utilizing REDCap*. Poster session presented at 2013 AMIA Annual Symposium, Washington, DC.

2013 Butcher R, Gouripeddi R, Madsen R, **Facelli JC**. *Enhanced Concept Selection Using SNOMED CT Primitives*. Poster session presented at SNOMED CT Implementation Showcase 2013.

2013 Davis K, **Facelli JC**. *A Use Case For Increasing Interoperability Among Public Health Surveillance Resources: A Grid-Based Approach*. Poster session presented at MGE@MSA Annual Conference at Arizona State University, Tempe, Arizona.

2013 García-Hernández A, Colom LV, **Facelli JC**. *A Novel Framework to Store, Classify and Retrieve Neuroelectrophysiological Signals*. Poster session presented at MGE@MSA Annual Conference at Arizona State University, Tempe, Arizona.

2013 Thibault JC, Cheatham TE, **Facelli JC**. *Managing and sharing large biomolecular simulation datasets in a distributed environment with iRODS*. Poster session presented at 245 National American Chemical Soc. Meeting, New Orleans.

2012 Anita M. Orendt AM, Solum MS, **Facelli JC**, Pugmire RJ, Chapman KW, Winans RE, Chupas P. *Characterization of Shale and Kerogen from a Green River Oil Shale Core*. Poster session presented at American Chemical Soc. Spring Meeting 2013, New Orleans.

2012 **Facelli JC**. *A Research Agenda for Ultra-Large-Scale System Research for Global Health Informatics*. Poster session presented at International Health Informatics Symposium (IHI 2012), Miami, Florida.

2011 Hulet J, Adluru G, DiBella E, **Facelli JC**, Parker D. *Fast Temporally Constrained Reconstruction on a GPU Cluster*. Poster session presented at ISMRM 2012, Melbourne Australia.

2011 Crockett DK, Ridge PG, Wilson AR, Lyon E, Williams MS, Narus SP, **Facelli JC**, Mitchell JA.. *A Consensus framework for evaluation of uncertain gene variants in laboratory test reporting*. Poster session presented at 2th International Congress of Human Genetics (ICHG), Montreal, October 2011.

2011 Linares O, Sadekar S, Ray A, Noh GJ, **Facelli JC**, Ghandehari H. *COMPARATIVE PHARMACOKINETICS OF PAMAM-OH DENDRIMERS AND HPMA COPOLYMERS IN OVARIAN-TUMOR-BEARING MICE*. Poster session presented at nanoUtah 2011, Salt Lake City Utah.

2011 Hulet J, **Facelli JC**, Parker D. *A Generalized Image Reconstruction System (GIR) for MRI*. Poster session presented at UCAIR Conference, Salt Lake City Utah.

2011 Jones DE, **Facelli JC**. *Predicting Cytotoxicity of Dendrimers using Molecular Descriptors and Data Mining*. Poster session presented at nanoUtah 2011, Salt Lake City, Utah.

2011 Davis K, Staes C, Price R, Duncan J, Igo S, **Facelli JC**. *Improved Automated Encoding of Deaths Certificates to Identify Pneumonia and Influenza Deaths*. Poster session presented at AMIA 2011 Annual Symposium, Washington, DC.

2011 Hulet JP, Parker DL, **Facelli JC**. *Improving Image Quality in Cine Phase-Contrast MRI Using Constrained Reconstruction with a Temporal Constraint*. Poster session presented at AMIA 2011 Annual Symposium, Washington, DC.

2011 Ebbert MT, Bastien RR, Bernard PS, **Facelli JC**. *Characterizing Error and Uncertainty of Centroid-Based Genomic Predictors*. Poster session presented at AMIA 2011 Annual Symposium, Washington, DC.

2011 Thibault JC, Cheatham TE, **Facelli JC**. *Distributed Infrastructure for Biomolecular Simulation-Derived Data Sharing and Analysis*. Poster session presented at 2011 AMIA Summit on Translational Bioinformatics, San Francisco.

2010 Davis K, Staes C, Price R, Duncan J, Igo S, **Facelli JC**. *Real Time Surveillance of Influenza/Pneumonia Deaths: New Strategies Using Grid Computing and Natural Language Processing*. Poster session presented at Ninth Annual International Society for Disease Surveillance Conference, Park City, Utah.

2010 Gonzales SI, Ona OB, Ferraro MB, **Facelli JC**. *Prediction of Structures and Properties of Si-Li Clusters*. Poster session presented at 95th Reunion Nacioanal de Fisica, Malargue, Argentina.

2010 Gundlapalli A, Reid J, Jackson B, Mottice S, **Facelli JC**, StaesC. *Health Reporting by Clinical Laboratories: Survey of Current Practices and Needs Assessment for Informatics Solutions*. Poster session presented at AMIA 2010 Annual Symposium, Washington, DC.

2010 Gundlapalli AV, Ried J, Jackson BR, Mottice S, **Facelli JC**, Staes CJ. *Public Health Reporting by Clinical Laboratories: Survey of Current Practices and Needs Assessment for Informatics Solutions. AMIA Annual Symposium 2010, accepted.* Poster session presented at AMIA Annual Symposium 2010,, Wasington, DC.

2010 Robison R, Wang K, Hobbs M, Cannon D, Lyon G, Miller J, Tuya S, Matsunami N, Leppert M, Hakonarson H, Davis L, Cook E, **Facelli JC**, McMahon W , Coon H. *Genome-wide analysis of copy number variation in extended autism pedigrees reveals novel variants in GRM7 and CDH13 genes*. Poster session presented at Keystone Symposia on Molecular and Cellular Biology: Towards Defining the Pathophysiology of Autistic Behavior, Snowbird Resort, Snowbird, Utah.

2010 Staes C, Price RC, Davis K, Nangle B, Duncan J, Friedman C, Lai AM, Ena LS, **Facelli JC**. *A Grid System for Timely Surveillance of Influenza/Pneumonia Using Death Records*. Poster session presented at Medinfo 2010, Cape Town, South Africa.

2010 Crockett DK, Piccolo SR, Narus SP, Mitchell JA, **Facelli JC**. *Machine Classification of RET Mutation Severity*. Poster session presented at AMIA Translational Summit, Poster AMIA-076-S2010, San Francisco, CA.

2009 Dykman N, Staes C, **Facelli JC**. *Web Service Architecture for Management of Reportable Condition Reporting and Rules*. Poster session presented at AMIA Annual Symposium, San Francisco, Ca.

2009 Walton N, Poynton, MR, Staes C, Maloney C, Gesteland PH, **Facelli JC**. *A Novel Neural Network Approach for Real-Time RSV Outbreak Prediction*. Poster session presented at AMIA Annual Symposium, San Francisco, CA.

2008 Krikov S, Price R, Allen-Brady K, Cannon-Albright LA, **Facelli JC**. *Enabling GeneHunter as a Grid Service: A Case Study for Implementing Analytical Services for Biomedical Grids*. Poster session presented at American Medical Informatics Association, Annual Symposium, Washington, DC.

2008 Rocha R, Hurdle J, Matney S, Narus S, Meystre S, LaSalle B, Deshmukh V,Hunter C, Mineau G, **Facelli JC**, Mitchell J. *Utah Statewide Informatics Platform for Translational and Clinical Science*. Poster session presented at AMIA 2008 Annual Symposyum, Washington, DC.

2008 Staes CJ, Xu W, LeFebre D, Narus SP, Gundlapalli A, Samore M, **Facelli JC**. *A Case for Using Grid Architecture in State Public Health Informatics: The Utah Perspective*. Poster session presented at HealthGrid 2008, Chicago.

2007 Ma Z, **Facelli JC**, Pugmire RJ, Dunn BC, Turpin GC, Eyring EM, Ernst RD. *Solid State 13C NMR and Quantum Chemical Investigation of Metal Diene Complexes.* Poster session presented at 48th ENC Conference, Daytona Beach, Florida, April 22 27.

2006 Price RC, Bazterra VE, Bradford WB, **Facelli JC**. *Digital Sherpa, SC2006, Tampa Fl. (http://sc06.supercomputing.org/techprogram/posters.php)*.

2004 Gregory E, Cheatham III TE, **Facelli JC**. *Multi Resolution Analysis of a 15 ns Molecular Dynamics Simulation of a d(GGGGGG)2 DNA Duplex Using Daubechies Wavelet Filters, 2nd Annual Rocky Mountain Region Bioinformatics Conference, Aspen, Dec. 10-12*.

ORAL PRESENTATIONS

Keynote/Plenary Lectures

International

2019 Facelli JC. IWBBIO 2019 (7th International Work-Conference on Bioinformatics and Biomedical Engineering), Granada Spain

2017 Tutorial on Translational Informatics, 7th iCatse International Conference on IT Convergence and Security, 2017, Seoul August 2017

2016 Annual Conference of the Korean Society for Bioinformatics and Systems Biology, Incheon, South Korea

2001 Experimental NMR Conference, Orlando, Florida

Meeting Presentations

International

2020 Formación de Postgrado en Informática Biomédica, Congreso Argentino de Informática Médica 21 de Octubre, 2020

2020 Gouripeddi R, Madsen R, Davis T, Claerhout S, Facelli JC, LaSalle B. ProTrackS: CTSA Hub Project Tracking System. System Demonstration, AMIA 2020 Informatics Summit, Houston, TX

2018 Translational Informatics and Uncertainty Quantification in Clinical Research, Korean Society of Medical Informatics National Meeting, Seoul, June 2018.

2014 A Brief Report on US Federal Agencies Initiatives on Big Data Science, IPHIE, Taipei Medical University, Taipei, July 2014

2009 Parallel genetic algorithms for crystal structure prediction: Successes and failures in predicting bicalutamide polymorphs, International Conference in Intelligent Computing, ICIC2009, Ulsan, Korea

2009 Transición de la absorción exo a endo del átomo de Cu en clusters de CuSin (n=6, 8, 10 y 12), Oña O. B., Ferraro M. B., Facelli, J. C. Presented at the RNF94-Asociación Física Argentina, 14 a 18 de septiembre 2009- Rosario, Argentina

2008 The Impact of Grid Computing in Biomedical Informatics, INFOLAC 2008, Pilar, Buenos Aires, Argentina

National

2020 Facelli, JC The N3C Repository: A primer. CORES Annual Meeting. University of Arkansas Medical Sceinces, Zoom Meeting.

2016 Drug Modeling Capabilities at the University of Utah, DR3N Annual Meeting, Universitiy of New Mexico Medical Center

2008 American Medical Informatics Association, Fall Symposium: AMIA-0639-A2008 - Panel Public Health Research Grid

2008 Workshop on Grid-Enabling Applications. Mardi Gras 2008 Conference, Baton Rouge, Louisiana

Local/Regional

2020	Clinical Research & Methods (CRAM), School of Medicine, University of Utah
2017	Invited Panelist, 2017 Translational Medicine Symposium
2013	Super Computing, invited presentation at the 2013 Utah Digital Government Summit.
2008	Utah Advanced Computing Institute, Collaboration between Industry and HPC Centers in Utah (Panel Discussion)
2008	Utah Advanced Computing Institute, Incorporating Computational Science in Undergraduate/Graduate Curricula (Panel Discussion)
2008	Utah Advanced Computing Institute, Introduction to Computational Chemistry (Tutorial)

Invited/Visiting Professor Presentations

International

2016	Translational Informatics, Hospital Italiano de Buenos Aires, Buenos Aires Argentina
2010	Campus Wide Support for HPC at Utah: An Overview of CHPC, Argentinean Atomic Energy Commission, Buenos Aires, Argentina
2007	Crystal Structure Prediction Workshop, CCDC, Cambridge, U.K.
2007	Department of Physics, Faculty of Sciences, University of Buenos Aires
2006	Giambiagi Winter School, Department of Physics, University of Buenos Aires
2003	Argentine Physics Association, Annual Meeting, Bariloche, Argentina
2003	Universidad del Cine, Buenos Aires
2003	Department of Physics, Faculty of Sciences, University of Chile
2003	Department of Computer Science, Faculty of Sciences, University of Buenos Aires
2002	Department of Computer Science, Faculty of Sciences, University of Buenos Aires
2002	Department of Physics Faculty of Sciences, University of Buenos Aires
2001	Department of Chemistry, Columbia University
2001	Department of Physics, Faculty of Sciences, University of Buenos Aires
2001	Department of Computer Science, Faculty of Sciences, University of Buenos Aires
1999	Faculty Sciences, University of Buenos Aires, Argentina
1992	Instituto de Química, UNAM, México City
1992	Faculty of Sciences, University of Buenos Aires, Argentina
1990	IBM European Center for Scientific and Engineering Computing, Rome, Italy
1987	Faculty of Sciences, University of Buenos Aires, Argentina

National

2021	University of Nevada Las Vegas, Nevada Institute of Personalized Medicine, Grand Rounds Speaker.
2018	Implementation of High Performance Computing Environments for Protected Data, AAMC, Group on Information Resources (GIR) Spring Meeting, Austin, Texas.
2016	Pilot Projects in the CTSA Western Consortium, University of New Mexico Medical Center, Albuquerque Decemebr 2016.

2016	NCI Nanoinformatis Working Group
2014	Coalition for Academic Scientific Computing, HIPPA Working Group
2014	University of Texas, Pan American, Interdisciplinary Thematic Scholarly Community Seminar: Bioinformatics in Health Sciences.
2014	University of Texas Brownsville , Translational Medical Science Seminar Series
2010	Biomedical HPC Summit, Utah Center for HPC: 20 Years of Campus Wide Scientific Computing Support, Harvard Medical School, Boston, Massachusetts.
2010	University of Texas Brownsville
2008	Brookhaven National Laboratory, New York
2008	Department of Applied Math and Statistics, Stony Brook University, New York
2007	ARUP Laboratories, Salt Lake City, Utah
2007	College of Engineering, Southern Utah University
2007	Utah State University, ACRES Symposium
2006	College of Engineering, Southern Utah University
2004	MichlFest 2004, University of Utah, Salt Lake City, Utah
2001	Board of Directors Meeting of AIT (Agency for Instructional Technology), Park City
2001	GigaPop Workshop, INEEL, Idaho Falls, Idaho
1999	Council on Research and Graduate Education, NASULGC Summer forum, Park City
1999	Department of Medical Informatics, University of Utah
1999	AMPATH Workshop, Miami Intl. University, Miami, Florida
1995	American Chemical Society, 12th Rocky Mountain Regional Meeting
1995	Eppley Cancer Research Institute, University of Nebraska
1994	Department of Chemistry (NMR Laboratory), Columbia University
1992	USI Workshop in Molecular Modeling, Salt Lake City, UT
1989	Department of Chemistry, University of South Alabama
1989	Tripos Associates, St. Louis
1988	Department of Chemistry, University of Arizona

Local/Regional

2018	Grand Rounds in Research Reproducibility, University of Utah.
2017	University of Utah, Mathematical Biology Seminar
2016	Measurements, Modeling, and Data Integration for Air Quality and Health Symposium, University of Utah
2016	University of Utah School of Medicine, Department of Biomedical Informatics Graduate Seminar
2016	Brigham Young University, Department of Computer Science Colloquium
2012	FURTHeR: A Clinical Translational Research Tool, HealthInsight, Salt Lake City Utah

2011	SAFTINet: A distributed health data network to support comparative effectiveness research and quality improvement for safety net patient populations, Facelli JC, University of Utah Center of Excellence in Public Health Informatics, Salt Lake City, Utah, US.
2011	Ultra-Large-Scale Systems (ULSS) Research for Biomedical Informatics. Facelli JC, University of Utah, Department of Biomedical Informatics Graduate Seminar, Salt Lake City, Utah, US
2008	Henry Eyring Symposium, Henry Eyring Center for Theoretical Chemistry, University of Utah
2008	Department of Pharmaceutics and Pharmaceutical Chemistry, University of Utah
1990	American Chemical Society, 10th Rocky Mountain Regional Meeting

Outreach Presentations

Local/Regional

2020	**Data Mining, Deep Learning, and Predictive Analytics in Translational Science**

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02/18/2014	Randy K. Madsen, Richard L. Bradshaw, Bruce E. Bray, Justin R. Butcher, Vikrant Deshmukh, Julio C. Facelli, Ramkiran Gouripeddi, Cheri Hunter, John Hurdle, Bernard LaSalle, Oren E. Livne, Stephane M. Meystre, Joyce A. Mitchell, Peter Mo, Scott Narus, Roberto Rocha, N. Dustin Schultz, Phillip Warner (2014). OpenFurther: federation technology to translate heterogenous data models on the fly, empowering researchers to gain new knowledge and speed up the delivery of data from months to minutes.

OTHER SCHOLARLY ACTIVITIES

Additional Research/Scholarship Contributions

2016 - Present	ORCID: 0000-0003-1449-477X
2016 - Present	Mentor Dr. David E. Jones, Utah Center for Clinical and Translational Science KL2 Scholar
2015 - Present	Mentor Dr. Kailah Davis, Utah Center for Clinical and Translational Science, KL2 Scholar
2014 - Present	Mentoring Committee of Samir Abdelrahman
2013 - Present	Mentoring Committee of Michael Conway
2011 - Present	Chair Scholarship Advisory Committee for Mr. Bernard LaSalle
2010	Participant in the 4th MGE@MSA Faculty Doctoral Mentoring Institute. Mentoring training to increase minorities in doctorate programs
2010 - 2015	Chair Scholarship Advisory Committee for Dr. Catherine Staes