



COLLEGE OF SCIENCE FACULTY RECEPTION

2024











September 17, 2024 Flandrau Science Center



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2024 College of Science Faculty Reception

September 17, 2024 Flandrau Science Center Program begins at 6:30pm

WELCOME AND INTRODUCTIONS

Carmala Garzione Dean, College of Science

COLLEGE OF SCIENCE FACULTY COUNCIL

Ross Buchen Chair, College of Science Faculty Council Associate Professor, Molecular and Cellular Biology

UNIVERSITY LEADERSHIP

Gail Burd Senior Vice Provost for Academic Affairs, Teaching, and Learning

FACULTY AWARD HIGHLIGHTS AND CLOSING REMARKS

Carmala Garzione Dean, College of Science

New College of Science Faculty

Stephen Adamo Assistant Professor, Psychology PhD, Duke University

Julie Baum Lecturer, Mathematics MS, Northern Arizona University

Giorgio Cipolloni Assistant Professor, Mathematics PhD, Institute of Science and Technology Austria

Megan Corty Assistant Professor, Neuroscience PhD, Columbia University

Diana Diazh Associate Professor Of Practice, Computer Science PhD, Wayne State University

Carl Fields Assistant Professor, Astronomy PhD, Michigan State University

Sarah Grace Assistant Professor Of Practice, Psychology PhD, University of Arizona

Rachel Hyneman Assistant Professor, Physics PhD, University of Michigan

Heonmi Kim Lecturer, Mathematics MS, Tarleton State University

Megan Kobel Assistant Professor, Speech, Language, and Hearing Sciences PhD, The Ohio State University Samyukta (Sam) Krishnamurthy Assistant Professor Of Practice, Physics PhD, University of Massachusetts -Amherst

Daijiang Li Assistant Professor, Ecology and Evolutionary Biology PhD, University of Wisconsin - Madison

Annalysa Lovos Assistant Professor Of Practice, Psychology PhD, University of Arizona

Jianwei Lyu Assistant Research Professor, Steward Obs PhD, University of Arizona

Claire McWhite Assistant Professor, Molecular and Cellular Biology PhD, University of Texas at Austin

Anna Medvedovsky Assistant Professor, Mathematics PhD, Brandeis University

Melanie Moore Assistant Clinical Professor, Speech, Language, and Hearing Sciences MS, Audiology, University of Arizona AuD, A.T. Still University – Arizona School of Health Sciences

Robert Pollack Professor, Mathematics PhD, Harvard University

Thomas Purcell Assistant Professor, Chemistry and Biochemistry PhD, Northwestern University

New College of Science Faculty (continued)

Kristin Reeb

Assistant Clinical Professor, Speech, Language, and Hearing Sciences MS, State University of New York College at New Paltz

Mathieu Renzo

Assistant Professor, Astronomy PhD, University of Amsterdam

Kyle van Gorkom

Assistant Research Professor, Steward Obs PhD, University of Arizona

Kevin Wagner

Assistant Research Professor, Steward Obs PhD, University of Arizona

Bryan Wong

Assistant Professor Of Practice, Speech, Language, and Hearing Sciences PhD, University of Arizona

Cathy Yslas

Lecturer, Mathematics

College of Science Promotions

Stacey Alberts Promoted to Associate Research Professor, Steward Observatory

Cynthia Anhalt Promoted to Research Scientist with Continuous Status, Mathematics

Gurtina Mesla Promoted to Professor, Astronomy

Moysey Brio Promoted to Professor, Mathematics

Andrew Capaldi Promoted to Professor, Molecular and Cellular Biology

Katia Cunha Promoted to Full Reearch Professor, Steward Observatory

Meghan Darling-White Promoted to Associate Professor with Tenure, Speech, Language, and Hearing Sciences

Julie Feldman Promoted to Professor of Practice, Psychology

Alyson Ford Promoted to Associate Research Professor, Steward Observatory

András Gáspár Promoted to Associate Research Professor, Steward Observatory

Bo Guo Promoted to Associate Professor with Tenure, Hydrology and Atmospheric Sciences Kevin Hainline Promoted to Associate Research Professor, Steward Observatory

Christopher Henderson Promoted to Associate Professor with Tenure, Mathematics

Joannah Hinz Promoted to Associate Research Professor, Steward Observatory

Amanda Hughes Promoted to Associate Professor of Practice, Geosciences

Mauricio Ibañez-Mejia Promoted to Associate Professor with Tenure, Geosciences

Anton Izosimov Promoted to Associate Professor with Tenure, Mathematics

Aneta Kielar Promoted to Associate Professor with Tenure, Speech, Language, and Hearing Sciences

Jinyoung Serena Kim Promoted to Research Professor, Steward Observatory

Kaitlin Kratter Promoted to Professor, Astronomy

Vicky Tsu-Yin Lai Promoted to Associate Professor with Tenure, Psychology

Hong Li Promoted to Full Research Professor, Chemistry and Biochemistry

College of Science Promotions (continued)

Guadalupe Lozano Promoted to Research Scientist with Continuous Status, Mathematics

Guo-Yue Niu Promoted to Professor, Hydrology and Atmospheric Sciences

Mary-Frances O'connor Promoted to Professor, Psychology

Andrew Paek Promoted to Associate Professor with Tenure, Molecular and Cellular Biology

Timothy Pickering Associate Research Professor, MMT Observatory

Ingmar Riedel-Kruse Promoted to Professor, Molecular and Cellular Biology

David Sand Promoted to Professor, Astronomy

Mihai Surdeanu Promoted to Professor, Computer Science

Weigang Wang Promoted to Professor, Physics

Benjamin Weiner Promoted to Full Research Professor, Astronomy and Steward Observatory

Retiring College of Science Faculty

Barbara K. Cone Professor Emerita, Speech, Language, and Hearing Sciences

Jeff L. Greenberg Regents Professor Emeritus, Psychology

Wulfila Gronenberg Professor Emeritus, Neuroscience

William J. Jacobs Professor, Psychology

Carole J. Jensen Assistant Clinical Professor, Speech, Language, and Hearing Sciences

Stephen G. Kobourov Professor Emertius, Computer Science

Katrina L. Mangin Lecturer, Ecology & Evolutionary Biology

David M. Meko Research Professor Emeritus, Tree Ring Laboratory

Richard H. Mercer Senior Lecturer, Computer Science

Martin B. Pepper Instructor, Geosciences

Mary A. Peterson Professor Emerita, Psychology

Walter W. Piegorsch Professor Emeritus, Mathematics

Kerima N. Ratnayaka Senior Lecturer, Mathematics Gary E. Schwartz Professor Emeritus, Psychology

Paul S. Smith Research Professor Emeritus, Astronomer, Steward Observatory

Rodger I. Thompson Professor Emeritus, Astronomy

College of Science Faculty Council Academic Year 2024-2025

Chair: Ross Buchan, Associate Professor, Molecular and Cellular Biology Co-Chair: Paul Goodman, Senior Lecturer, Geosciences

Department Representatives

Astronomy/Steward Observatory - Carlos Vargas, Assistant Astronomer Chemistry & Biochemistry - Jeffrey Pyun, Professor Computer Science - Todd Proebsting, Professor Ecology and Evolutionary Biology - Scott Saleska, Professor Geological Sciences - TBA Hydrology and Atmospheric Sciences - Xiquan Dong, Professor Mathematics - Shankar Venkataramani, Professor Molecular and Cellular Biology - Ross Buchan, Associate Professor Neuroscience & Cognitive Science - Haijiang Cai, Associate Professor Physics - Sam Gralla, Associate Professor Planetary Sciences - Christopher Hamilton, Associate Professor Psychology - Heidi Hamann, Associate Professor Speech, Language, and Hearing Science - Aneta Kielar, Associate Professor

Continuing Status Track Representatives

Steward Observatory - Brenda Frye, Associate Professor & Associate Astronomer **Math/MCB/NROS/CS** - Cynthia Anhalt, Associate Research Scientist & Associate Research Professor

Career Track Representatives

Earth Sciences - Paul Goodman, Senior Lecturer, Geosciences
Life Sciences - Nicole Leitner, Assistant Professor of Practice, Molecular & Cellular Biology
Mathematics and Computational Sciences - Tynan Lazarus, Instructor, Mathematics
Neural, Cognitive, and Behavioral Sciences - Florian Hafner, Assistant Professor of Practice,
Speech, Language, and Hearing Sciences
Physics and Space Sciences - Alex Burant, Assistant Professor of Practice, Physics

Galileo Circle Awards

The Galileo Circle is a society of individuals who support excellence in the sciences at the University of Arizona. The Galileo Circle awards, established through the generosity of Galileo Circle members, recognize outstanding accomplishments of faculty and staff.



Galileo Circle Fellows

The Galileo Circle is a society of friends supporting excellence in the sciences at the University of Arizona. The Galileo Circle Fellow Award, established through the generosity of Galileo Circle members, recognizes outstanding accomplishments in academic scholarship.

Andrew Cohen

Distinguished Professor of Geosciences and Joint Professor of Ecology and Evolutionary Biology

Galileo Circle Copernicus Awards

The Copernicus Award, established through the generosity of Galileo Circle members, recognizes extraordinary accomplishments by non-tenure eligible faculty, appointed personnel, or classified staff, which significantly advance the mission of their department and the knowledge base of their discipline.

Dee Belle-Oudry Associate Head for Education & Academic Affairs, Chemistry & Biochemistry

Debbie Wilson Program Manager, James Webb Space Telescope, Astronomy and Steward Observatory

Galileo Circle Curie Awards

The Galileo Circle Curie awards recognize the "rising-stars" among the department's junior tenure-track faculty whose innovative work is not only advancing science, but also adding to diversity within the scientific community.

Jessica Barnes

Assistant Professor, Lunar and Planetary Laboratory

Sam Gralla Associate Professor, Physics

Mauricio Ibañez-Mejia Assistant Professor, Geosciences

Galileo Circle Postdoc Awards

The Galileo Circle Postdoc award was created to recognize the substantial and invaluable contributions postdocs make to the research, mentoring, and outreach missions of both the College and University.

Ellie Broadman

Postdoctoral Research Associate, Laboratory of Tree-Ring Research

This event is partially underwritten by a generous contribution from the Galileo Circle, a society of individuals who support excellence in the sciences at the University of Arizona.

National and International Honors and Awards

Kate Alexander Assistant Professor, Astronomy/Steward Observatory Alfred P. Sloan Research Fellowship, Alfred P. Sloan Foundation

Kevin Anchukaitis

Professor, Geosciences Willi Dansgaard Award, American Geophysical Union

Jessica Andrews-Hanna

Associate Professor, Psychology Fellow of the Association for Psychological Science

Daniel Apai

Professor, Astronomy and Planetary Sciences Astronomer, Steward Observatory Elected Fellow, American Association for the Advancement of Science

Peter Behroozi

Associate Professor, Astronomy/Steward Observatory Highly Cited Researcher, Clarivate

Jean-Luc Bredas

Regents Professor, Chemistry & Biochemistry Highly Cited Researcher 2023, Clarivate

Judith Bronstein

Distinguished Professor, Ecology and Evolutionary Biology Elected Fellow, American Academy of Arts and Sciences Distinguished Achievement Award in the Conceptual Unification of the Biological Sciences, American Society of Naturalists

Lei Cao

Assistant Professor, Computer Science Amazon Research Award, Amazon Science

Laura Condon

Associate Professor, Hydrology & Atmospheric Sciences FoodShot Global GroundBreaker Prize, FoodShot Global

Goggy Davidowitz

Professor and University Distinguished Scholar, Ecology and Evolutionary Biology Elected Fellow, American Association for the Advancement of Science

Robert Downs

Professor Emeritus, Geosciences Carnegie Mineralogical Award, Carnegie Museum

Renee Duckworth

Professor, Ecology and Evolutionary Biology William Brewster Memorial Award, American Ornithological Society

Regis Ferriere

Professor, Ecology and Evolutionary Biology Knight of the French National Order of Merit, The French Presidency

Melissa Flores

Assistant Professor, Psychology Academy of Behavioral Medicine Research (ABMR) Early-Stage Investigator Leadership 2024 Awardee, Academy of Behavioral Medicine Research Fellow, U.S. Ten-Day Seminar on the Epidemiology and Prevention of Cardiovascular Diseases and Stroke 2024

George Gehrels

Distinguished Professor, Geosciences Emile Argand Medal, International Union of Geological Sciences

Roberto Giacobazzi

Professor, Computer Science Distinguished Member, Association for Computing Machinery

Nikolay Golubev

Assistant Professor, Physics Department of Energy (DOE) Early Career Award, DOE

National and International Honors and Awards (continued)

Sarah Grace

Assistant Professor of Practice, Psychology Society for the Psychological Study of Social Issues Action Teaching Award for the entry: "Empowering Voices: Integrating Generative Al in Exploring Mental Health and Social Justice"

Bo Guo

Associate professor, Hydrology & Atmospheric Sciences

Humboldt Research Fellowship for Experienced Researchers, Humboldt Research Foundation

John Hildebrand

Regents Professor Emeritus, Ecology and Evolutionary Biology Honorary Doctor of Science degree, Michigan State University

Vanessa Huxter

Assistant Professor, Chemistry & Biochemistry National Science Foundation Faculty Early-Career Development (CAREER) Award

Kristopher Klein

Associate Professor, PL/LPL Karen Harvey Prize, American Astronomical Society Solar Physics Division

Tai Kong

Assistant Professor, Physics National Science Foundation Career Award

Dante Lauretta

Regents Professor, Planetary Sciences NASA Group Achievement Award OSIRIS-REx Sample Collection, NASA von Kármán Lecturer in Astronautics, American Institute of Aeronautics and Astronautics Robert J. Collier Trophy, National Aeronautic Association Robert H. Goddard Memorial Trophy (OSIRIS-REx Team), National Space Club Sigma Xi Distinguished Lecturer, Sigma Xi Elected Fellow, American Association for the Advancement of Science The Eric and Wendy Schmidt Visionary Award (Inaugural Award), The Explorers Club

Steven Leavitt

Professor, Dendrochronology Associate Director, Tree Ring Laboratory Elected Chief Editor of Tree-Ring Research Journal, Tree-Ring Society

Daijiang Li

Assistant Professor, Ecology and Evolutionary Biology Early Career Fellow, Ecological Society of America

Douglas Loy

Professor, Chemistry & Biochemistry Nation Academy of Inventors (NAI) 2023 Class Fellow, National Academy of Inventors

Nell Maltman

Assistant Professor, Speech, Language, and Hearing Sciences Junior Investigator Award, National Fragile X Foundation

Michael Marty

Associate Professor, Chemistry & Biochemistry Pittcon Achievement Award, Pittcon Conference and Exposition

Lynn Nadel

Regents Professor Emeritus, Psychology George A. Miller Prize in Cognitive Neuroscience, Cognitive Neuroscience Society

Jeanne Pemberton

Professor, Chemistry & Biochemistry Class of 2024 Senior Member, National Academy of Inventors Francis P. Garvan-John M. Olin Medal, American Chemical Society

Patricia Persaud

Associate Professor, Geosciences Fellow of the Radcliffe Institution for Advanced Study Fellow, Harvard University

Jay Quade

Professor, Geosciences Member, National Academy of Science

National and International Honors and Awards (continued)

Peter Reinthal

Associate Curator, Adjunct Associate Professor, Ecology and Evolutionary Biology Morris K. Udall Award for Outstanding Conservation Achievement, The Nature Conservancy of Arizona

George Rieke

Regents Professor, Astronomy Professor, Planetary Sciences Astronomer, Steward Observatory NASA Silver Group Achievement Award to the James Webb Space Telescope Commissioning Team, National Aeronautics and Space Administration (NASA)

Marcia Rieke

Regents Professor, Astronomy Astronomer, Steward Observatory Penn State Marker Lectures, Penn State University of Illinois Urbana-Champaign Icko Iben Lectureship, Univ of Illinois Heilborn Lectureship Northwestern University, Northwestern University Astronomical Society of the Pacific Catherine Wolfe Bruce Award, Astronomical Society of the Pacific UCLA's 2024 Moossa J Arman Colloquium in Astronomy, UCLA Gruber Foundation Cosmology Prize, Gruber Foundation - Yale

John Ruiz

Professor, Psychology Segundo de Febrero Henry "Hank" Oyama Community Partnership Award, Amistades

John Rutherfoord

Regent Professor, Physics US ATLAS Lifetime Achievement Award, US ATLAS

Joyce Schroeder

Professor, Molecular and Cellular Biology Senior Member, National Academy of Inventors

Armin Sorooshian

Professor, Hydrology & Atmospheric Sciences Joanne Simpson Medal, American Geophysical Union

George Sutphin

Assistant Professor, Molecular and Cellular Biology Fellow, American Aging Association Fellow, Gerontological Society of America

Kyle Van Gorkom

Assistant Research Professor, Steward Observatory Nancy Grace Roman Technology Fellowship, NASA

Dennis Zaritsky

Deputy Director, Steward Observatory Professor, Astronomy Astronomer, Steward Observatory Beatrice M. Tinsley Prize, American Astronomical Society

Xubin Zeng

Professor, Hydrology & Atmospheric Sciences Bert Bolin Award and Lecture, American Geophysical Union

Marek Zreda

Professor, Hydrology & Atmospheric Sciences Mercator Fellow, Deutsche Forschungsgemeinschaft

University of Arizona Honors and Awards

Jessica Andrews-Hanna

Associate Professor, Psychology Research Leadership Institute Fellow, University of Arizona

Genesis Arizmendi

Assistant Professor, Speech, Language, and Hearing Sciences Mellon-Fronteridades Faculty Fellowship, Mellon Foundation and Confluence Center for Creative Inquiry

Susan Beck

Professor, Geosciences UArizona Women of Impact, University of Arizona

Katrina Dlugosch

Associate Professor, Ecology and Evolutionary Biology Excellence in Postdoctoral Mentoring Award, Postdoctoral Affairs

Lisa Elfring

Associate Vice Provost, Molecular and Cellular Biology Henry and Phyllis Koffler Teaching Award, University of Arizona Women of Impact, University of Arizona

Karl Flessa

Professor Emeritus, Geosciences Ted and Shirley Taubeneck Superior Teaching Award, University of Arizona College of Humanities

Carmala Garzione

Dean, College of Science, Geosciences Women of Impact, University of Arizona

Sarah Grace

Assistant Professor of Practice, Psychology CUES Spanning Boundaries for 2024-2026, Office of the Provost, Center for University Education Scholarship

Amy Graham

Associate Professor of Practice, Chemistry & Biochemistry The Gerald J. Swanson Prize for Teaching Excellence, University of Arizona

Marie-Pierre Hasne

Assistant Professor of Practice, Chemistry & Biochemistry Academy of Medical Education Scholars Award -Excellence in Basic Science Teaching, College of Medicine - Tucson

Leandro Heien

Associate Professor, Chemistry & Biochemistry Graduate Teaching and Mentoring Award, University of Arizona

Tori Hidalgo

Associate Professor of Practice, Chemistry & Biochemistry Provost Award for Innovation in Teaching, University of Arizona

Linda Hollis

Assistant Professor of Practice, Psychology Antiracist Writing Across the Curriculum (WAC) Faculty Fellow (Fall 2024), Writing Across Curriculum, University of Arizona Quality Matters Faculty Fellow (Fall 2024), University Center for Assessment, Teaching & Technology The Experiential Learning Design Accelerator Fellow; University of Arizona (Fall 2023), Student Engagement and Career Development, University of Arizona

Buell Jannuzi

Department Head/Director, Astronomy/Steward Observatory 2024 Distinguished Department Head/Director, University of Arizona

University of Arizona Honors and Awards (continued)

Ashley Jordan

Associate Professor of Practice, Psychology Wildcat Achievement Award, The University of Arizona Office of Student Success & Retention Innovation

Quality Matters Faculty Fellowship, \$5,000, University Center for Assessment, Teaching & Technology

University of Arizona Faculty ACCESS Fellowship, \$2,000, University Center for Assessment, Teaching & Technology

Michael Marty

Associate Professor, Chemistry & Biochemistry Distinguished Scholar Award, University of Arizona

Ilaria Pascucci

Professor, Planetary Sciences Blitzer Award for Excellence in Teaching of Physics and Related Sciences, The Blitzer Teaching Fund

John Schaibley

Associate Professor, Physics Center for Semiconductor Manufacturing Fellows, University of Arizona

Shufang Su Full Professor, Physics Women of Impact, University of Arizona

Alma Tejeda-Padron

Assistant Professor of Practice, Psychology Center for University Education Scholarship (CUES) Spanning Boundaries for 2024-2026, Office of the Provost, Center for University Education Scholarship

Weigang Wang

Full Professor, Physics Center for Semiconductor Manufacturing Fellows, University of Arizona

College of Science Honors and Awards Teaching and Advising Awards

Kate Bunton Professor, Speech, Language, and Hearing Science Distinguished Career Teaching Award

Sam Krishnamurthy

Assistant Professor of Practice, Physics Distinguished Early-Career Teaching Award

Jón T. Njardarson

Professor, Chemistry and Biochemistry Distinguished Student Mentoring Award

Lisa Rezende Associate Professor of Practice, Molecular and Cellular Biology Distinguished Achievement in Science Education

Adi Adiredja Associate Professor, Mathematics Innovation in Teaching Award

Melanie Lipton

Assistant Director, Academic Advising, Psychology Distinguished Advising Award

Departmental Awards

Adi Adiredja Associate Professor, Mathematics David Lovelock Award for Innovation

Kobus Barnard Professor, Computer Science *Outstanding Teaching Award (Tenured), Department of Computer Science*

Alex Burant Assistant Professor of Practice, Physics Undergraduate Teaching Award, Physics Department

Kwang-Sung Jun Assistant Professor, Computer Science *Outstanding Faculty Researcher Award, Department of Computer Science*

Josh Levine Associate Professor, Computer Science Computer Science Outstanding Service Award, Department of Computer Science

Russell Lewis Senior Lecturer, Computer Science *Outstanding Teaching Award (Career), Department of Computer Science*

Jennifer McIntosh Professor, Hydrology & Atmospheric Sciences Thomas Meixner Endowed Chair in Hydrology & Atmospheric Sciences, University of Arizona -Department of Hydrology & Atmospheric Sciences

Tonatiuh Sanchez-Vizuet Assistant Professor, Mathematics *William Y. Vélez Outstanding Faculty Advisor Award*

Koen Visscher Associate Professor, Physics Graduate Teaching Award, Physics Department

College of Science Leadership

Carmala N. Garzione Dean

Daniel Apai Associate Dean, Research

Rebecca L. Gomez Associate Dean, Student Academic Success

Jeremiah D. Hackett Associate Dean, Graduate and Postdoctoral Affairs

Brad H. Story Associate Dean, Faculty Affairs

Department Heads and Directors

Philip A. Pearthree Arizona Geological Survey

Buell T. Jannuzi Astronomy/Steward Observatory

Craig A. Aspinwall Chemistry and Biochemistry

Eileen Riloff Computer Science

Michael Worobey Ecology and Evolutionary Biology

Joellen L. Russell Geosciences

Peter A. Troch Hydrology and Atmospheric Sciences

David C. Frank Laboratory of Tree-Ring Research

Robert J. Sims, Acting Mathematics

Ryan N. Gutenkunst Molecular and Cellular Biology Konrad E. Zinsmaier Neuroscience

Shufang Su Physics

Mark S. Marley Planetary Sciences/Lunar and Planetary Laboratory

Arne D. Ekstrom, Interim Psychology

Mary Alt Speech, Language, and Hearing Sciences

Programs

Jessica Andrews-Hanna, Interim Cognitive Science





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