



THE UNIVERSITY  
OF ARIZONA



**2020 & 2021**

**COLLEGE OF SCIENCE  
FACULTY RECEPTION**



**September 30th, 2021**

Health Sciences Innovation Building



# 2021 & 2021 College of Science Faculty Reception

September 30, 2021  
Health Sciences Innovation Building  
Program begins at 6pm

## INTRODUCTION

### **Brad Story**

Associate Dean, Faculty Affairs

## WELCOME AND AWARDS OVERVIEW

### **Carmala Garzione**

Dean, College of Science

## PATENT AWARDS PRESENTATION

### **Douglas Hockstad**

Assistant Vice President, Tech Launch Arizona

**Please note:** The majority of awards listed in this program are for 2020 & 2021, with a few that were awarded after our reception in 2019.

# University of Arizona Honors and Awards

## **Mary Alt**

Professor and Department Head, Speech, Language, and Hearing Sciences  
*Mini Grant for Co-Teaching Award (2019)*

## **Ali Behrangi**

Professor, Hydrology and Atmospheric Sciences  
*Distinguished Scholars Award (2020)*

## **Lynn Carter**

Associate Professor, Planetary Sciences/Lunar and Planetary Laboratory  
*University Distinguished Scholar (2021)*

## **Peter L. Chesson**

Professor Emeritus, Ecology and Evolutionary Biology  
*Regents' Professor (2020)*

## **Marta Civil**

Professor, Mathematics  
*Distinguished Outreach Faculty (2020)*

## **Laura E. Condon**

Assistant Professor, Hydrology and Atmospheric Sciences  
*Early Career Scholars Award (2021)*

## **Paul “Ty” Ferre**

Professor, Hydrology and Atmospheric Sciences  
*University Distinguished Professor (2019)*

## **Jeff Greenberg**

Professor, Psychology  
*Regents' Professor (2020)*

## **Vance Holliday**

Professor, Geosciences  
*Provost's Henry and Phyllis Koffler Prize for Research/ Scholarship/ Creative Activity (2021)*

## **Tori Hidalgo**

Assistant Professor of Practice, Chemistry and Biochemistry  
*Leicester and Kathryn Sherrill Creative Teaching Award (2021)*

## **Shawn Jackson**

Senior Lecturer, Physics  
*Gerald G. Swanson Prize for Teaching Excellence (2021)*

## **Ashley Jordan**

Associate Professor of Practice, and Director of Online Programs, Psychology  
*Gerald G. Swanson Prize for Teaching Excellence (2021)*

## **Leah Kapa**

Assistant Professor, Speech, Language, and Hearing Sciences  
*Mini Grant for Co-Teaching Award (2019)*

## **Tzu Yin (Vicky) Lai**

Assistant Professor, Psychology  
*George H. Davis Fellowship Award (2020)*

## **Dante S. Lauretta**

Professor, Planetary Sciences/Lunar and Planetary Laboratory  
*Regents' Professor (2021)*

## **Joellen L. Russell**

Professor, Geosciences  
*University Distinguished Professor (2021)*

## **Jeff D. Stone**

Professor, Psychology  
*University Distinguished Professor (2020)*

## **Marc Tischler**

Professor, Chemistry and Biochemistry  
*Dean's List for Excellence in Teaching, Year 2 (2019)*

## **Elisa Tomat**

Associate Professor, Chemistry and Biochemistry  
*Distinguished Scholars Award (2021)*

## 2020 Issued Patent Inventors in the College of Science

Tech Launch Arizona (TLA) has initiated a new program to recognize University of Arizona inventors on patents issued in the previous fiscal year, acknowledging the contributions they make to increasing the impact of University of Arizona research. These individuals in the College of Science are also being awarded a coin that recognizes their specific patent(s).

### **M. Leandro Heien**

Associate Professor, Chemistry and Biochemistry

*"Glycosylated Peptides With Pseudoproline Residues"*

*"Quantification Of Blood-Brain Barrier Permeation"*

*"Collection and Processing of Analytical Data"*

### **John C. Jewett**

Associate Professor, Chemistry and Biochemistry

*"Determining States-Molecule Folding, Conformation"*

*"Substituted Triazenes Protected From Degradation"*

### **Eugene A. Mash Jr**

Professor, Chemistry and Biochemistry

*"Nitration of Aromatic Compounds"*

### **Eric C. Pearce**

Astronomer, Steward Observatory and Professor, Astronomy

*"Enhancing Daytime Detection of Objects"*

### **Robin L. Polt**

Professor, Chemistry and Biochemistry

*"Glycosylated Peptides With Pseudoproline Residues"*

### **Jeffrey Pyun**

Professor, Chemistry and Biochemistry

*"Sulfur Composites, Polymeric Materials from Sulfur"*

*"Improved Cathode Materials For Li-S Batteries"*

*"3D-Printing Ultra-High Refractive Index Polymers"*

*"Flame Retardant Composition Utilizing Elemental Sulfur"*

### **Marek R. Rychlik**

Professor, Mathematics

*"Quintuple Parity To Provide Fault Tolerance"*

### **Jacob C. Schwartz**

Assistant Professor, Chemistry and Biochemistry

*"Determining States-Molecule Folding, Conformation"*

### **Richard T. Snodgrass**

Professor, Computer Science

*"Broadening Field Specialization"*

### **Charles A. Stafford**

Professor, Physics

*"Scanning Tunneling Thermometer"*

### **Christopher K. Walker**

Professor, Astronomy

*"Cross-Link Satellite With Spherical Reflectors"*

*"Phased Array Line Feed For Reflector Antenna"*

# College of Science Honors and Awards

## 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.

### Jessica Andrews-Hanna

Assistant Professor, Psychology  
*Galileo Circle Curie Award (2020)*

### Peter W. Brewer

Collections Curator, Laboratory of Tree-Ring Research  
*Galileo Circle Copernicus Award (2021)*

### Laura E. Condon

Assistant Professor, Hydrology and Atmospheric Sciences  
*Galileo Circle Curie Award (2020)*

### Tina M. Deemer

Director, Academic Resources and Special Projects, Mathematics  
*Galileo Circle Copernicus Award (2020)*

### Amanda Garcia

NASA Astrobiology Postdoctoral Fellow, Molecular and Cellular Biology  
*Galileo Circle Postdoc Award (2021)*

### Nicole L. Marrone

Associate Professor, Speech, Language, and Hearing Sciences  
*Galileo Circle Curie Award (2021)*

### Michael Marty

Associate Professor, Chemistry and Biochemistry  
*Galileo Circle Curie Award (2021)*

### Brooke Massani

Staff Scientist, Chemistry and Biochemistry  
*Galileo Circle Copernicus Award (2021)*

### Eduardo Rozo

Associate Professor, Physics  
*Galileo Circle Curie Award (2020)*

### Joaquin Ruiz

Professor, Geosciences  
Vice President of Global Environmental Futures  
*Honorary Galileo Circle Fellow (2020)*

### Brad H. Story

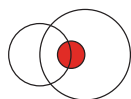
Professor, Speech, Language, and Hearing Sciences  
*Galileo Circle Fellows Grant (2020)*

### Jessica E. Tierney

Associate Professor, Geosciences  
*Galileo Circle Curie Award (2020)*

### Mark M. Yanagihashi

Prep Room Manager, Chemistry and Biochemistry  
*Galileo Circle Copernicus Award (2020)*



The Galileo Circle

## Departmental Awards

### Oliver L.A. Monti

Professor, Chemistry and Biochemistry  
*Homer C. and Emily Davis Weed Endowed Chair in Chemistry (2020)*

### John R. Pollard

Professor of Practice, Chemistry and Biochemistry  
*Gerald G. Swanson Prize for Teaching Excellence (2021)*

### Elisa Tomat

Associate Professor, Chemistry and Biochemistry  
*Donna B. Cosulich Faculty Fellow (2020)*

## College of Science Honors and Awards continued

### Teaching and Advising Awards

#### **Aditya Adiredja**

Associate Professor, Mathematics  
*Distinguished Early-Career Teaching (2020)*

#### **Bruce J. Bayly**

Associate Professor, Mathematics  
*Distinguished Career Teaching (2020)*

#### **Martha Bhattacharya**

Assistant Professor, Neuroscience  
*Distinguished Early-Career Teaching (2021)*

#### **Molly S. Bolger**

Associate Professor, Molecular and Cellular  
Biology  
*Distinguished Achievement in Science  
Education (2020)*

#### **Hamish S. Christie**

Associate Professor of Practice, Chemistry and  
Biochemistry  
*Distinguished Career Teaching (2021)*

#### **Christine Gronowski**

Academic Advisor II, Chemistry and  
Biochemistry  
*Distinguished Advising Award (2021)*

#### **Tori Hidalgo**

Assistant Professor of Practice, Chemistry and  
Biochemistry  
*Innovation in Teaching (2021)*

#### **Stephen G. Kobourov**

Professor, Computer Science  
*Distinguished Student Mentoring Award (2021)*

#### **Roger L. Miesfeld**

Distinguished Professor, Chemistry and  
Biochemistry  
*Distinguished Achievement in Science  
Education (2021)*

#### **Andrea M. Palacio**

Academic Advisor II, Speech, Language, and  
Hearing Sciences  
*Distinguished Advising Award (2020)*

### Dean's Education and Innovation Award

This award is made possible by the Arthur L. and Lee G. Herbst Endowment for Innovation and the Dean's Innovation and Education Fund. This funding award encourages the contributions of the College of Science faculty (individual or group) by providing additional financial support in advancing their research programs as well as creating opportunities for undergraduate students to gain research experience. Awardee selection is based on projects involving one or more undergraduate student(s) in an innovative research experience that enhances both the students' education and contribute directly to the faculty member's research plan.

#### **Martha Bhattacharya**

Assistant Professor, Neuroscience  
*Dean's Education and Innovation Award (2020)*

#### **Alyssa S. Croft**

Assistant Professor, Psychology  
*Dean's Education and Innovation Award (2020)*

#### **Donald A. Falk**

Professor, Laboratory of Tree-Ring Research  
*Dean's Education and Innovation Award (2020)*

#### **Paul "Ty" Ferre**

Professor, Hydrology and Atmospheric  
Sciences  
*Dean's Education and Innovation Award (2020)*

#### **Christopher Gniady**

Associate Professor, Computer Science  
*Dean's Education and Innovation Award (2020)*

## National and International Honors and Awards

In addition to the individual awards listed below, the 20+ students, staff, and faculty of Steward Observatory (Arizona Radio Observatory) and the Department of Astronomy who are part of the Event Horizon Telescope Collaboration have had their achievements in imaging the event horizon of a supermassive black hole recognized with the following group awards:

### **Steward Observatory**

*NSF Diamond Achievement Award (2019)*

*American Astronomical Society Bruno Rossi Prize (2020)*

*Albert Einstein Medal from the Albert Einstein Society (2020)*

*Nelson P. Jackson Aerospace Award from National Space Club & Foundation (2020)*

### **Mary Alt**

Professor and Department Head, Speech, Language, and Hearing Sciences  
*Fellow, American Speech-Language- Hearing Association (2021)*

### **Avelino F. Arellano**

Associate Professor, Hydrology and Atmospheric Sciences  
*Citation of Merit, University of the Philippines Alumni Engineers (2020)*

### **Jessica Barnes**

Assistant Professor, Planetary Sciences  
*Planetary Science Early Career Award, NASA (2020)*

### **Susan L. Beck**

Professor, Geosciences  
*Walter H. Bucher Medal, American Geophysical Union (2020)*

### **Gurtina Besla**

Associate Professor with Tenure, Astronomy and Associate Astronomer, Steward Observatory  
*Faculty Early Career Development (CAREER) Program, National Science Foundation (2020)*

### **Jean-Luc E. Bredas**

Professor, Chemistry and Biochemistry  
*Materials Theory Award, Materials Research Society (2020)*  
*Centenary Prize, Royal Society of Chemistry (2021)*

### **Judith Bronstein**

Distinguished Professor, Ecology and Evolutionary Biology  
*Elected President, American Society of Naturalists (2021, 2022)*

### **Minying Cai**

Research Professor, Chemistry and Biochemistry  
*Senior Member, National Academy of Inventors (2020)*

### **Jennifer Casteix**

Associate Clinical Professor, Speech, Language, and Hearing Sciences  
*Award for Continuing Education, American Speech-Language-Hearing Association (2019)*

### **Kathleen Cazzato**

Assistant Clinical Professor, Speech, Language, and Hearing Sciences  
*Award for Continuing Education, American Speech-Language-Hearing Association (2019)*

### **Chi-Kwan Chan**

Associate Research Professor and Associate Astronomer, Steward Observatory  
*Breakthrough Prize in Fundamental Physics, Breakthrough Prizes (2020)*

### **Sergey Cherkis**

Professor, Mathematics  
*School of Mathematics/Members, Institute for Advanced Study (2020)*

### **Ying-Hui Chou**

Assistant Professor, Psychology  
*Sciolog Fellows, Research Corporation for Science Advancement (2020)*

## National and International Honors and Awards continued

### **Marta Civil**

Distinguished Professor, Mathematics  
*Judith Jacobs Lecture, Association of Mathematics Teacher Educators (2021)*  
*Lifetime Achievement Award, NCTM, the National Council of Teachers of Mathematics (2021)*

### **Andrew Cohen**

Distinguished Professor, Geosciences and Joint Professor, Ecology and Evolutionary Biology  
*Distinguished Lecturer—Continental Scientific Drilling Division, GSA (2021)*  
*Outstanding Reviewer, Geophysical Research Letters, AGU (2020)*

### **Laura E. Condon**

Assistant Professor, Hydrology and Atmospheric Sciences  
*CAREER Award, National Science Foundation (2020)*  
*Hydrologic Sciences Early Career Award, AGU (2021)*

### **Christopher J. Corbally**

Associate Faculty, Vatican Observatory  
*Designation of “Asteroid (119248) Corbally”, International Astronomical Union (2020)*

### **Solange Duhamel**

Associate Professor, Molecular and Cellular Biology  
*Scialog Fellows, Research Corporation for Science Advancement (2020)*

### **Jamie O. Edgin**

Associate Professor, Psychology  
*Distinguished Contribution to Science Award, Arizona Psychological Association & Arizona Psychological Foundation (2020)*

### **Brenda L. Frye**

Associate Professor, Astronomy and Associate Astronomer with Continuing Status, Steward Observatory  
*School of Natural Science/Member, Institute for Advanced Study (2020)*

### **Thomas L. Gianetti**

Assistant Professor, Chemistry and Biochemistry  
*Thieme Chemistry Journals Award, Thieme Chemistry (2021)*  
*Cottrell Scholar Award, Research Corporation for Science Advancement (2021)*

### **Bo Guo**

Assistant Professor, Hydrology and Atmospheric Sciences  
*Doctoral New Investigator Award, American Chemical Society (2021)*  
*Editors Citation for Excellence in Refereeing Water Resources Research, AGU (2019)*

### **Hoshin V. Gupta**

Professor, Hydrology and Atmospheric Sciences  
*Fellow, American Meteorological Society (2020)*  
*Editors Citation for Excellence in Reviewing Water Resources Research, AGU (2020)*

### **Christopher Hamilton**

Associate Professor, Planetary Sciences  
*Fulbright Scholar, Council for International Exchange of Scholars (2020, 2021)*  
*Scialog Fellow, Research Corporation for Science Advancement (2020)*

### **John G. Hildebrand**

Regents' Professor, Neuroscience  
*Elected Corresponding Member, Brazilian Academy of Sciences (2019)*

### **Victor J. Hruby**

Regents' Professor Emeritus, Chemistry and Biochemistry  
*Fellow, National Academy of Inventors (2020)*

### **William B. Hubbard**

Professor Emeritus  
Lunar and Planetary Laboratory  
*Legacy Fellow, American Astronomical Society (2020)*

### **Chris D. Impey**

Distinguished Professor, Astronomy and Astronomer, Steward Observatory  
*Education Prize, American Astronomical Society (2021)*  
*Legacy Fellow, American Astronomical Society (2020)*



**Katherine Isaacs**

Assistant Professor, Computer Science  
*Early Career Research Award, Department of Energy (2021)*

**Buell T. Jannuzi**

Professor, Department Head, and Director,  
Astronomy and Steward Observatory  
*Breakthrough Prize in Fundamental Physics, Breakthrough Prizes (2020)*

**Betul Kacar**

Assistant Professor, Molecular and Cellular Biology  
*Scialog Fellow, Research Corporation for Science Advancement (2020)*

**Elisabeth Krause**

Assistant Professor, Astronomy and Physics  
*Sloan Research Fellowship-Physics, Alfred P. Sloan Foundation (2021)*  
*Maria Goeppert Mayer Award, American Physical Society (2020)*  
*Packard Fellowships for Science and Engineering, David and Lucile Packard Foundation (2020)*  
*Early Career Research Award, Department of Energy (2019)*  
*Young Scientist Award, International Union of Pure and Applied Physics, Commission on Astrophysics (2019)*

**Brian LeRoy**

Professor, Physics  
*Fellow, American Physical Society, Fall (2019)*

**Brandon Levin**

Assistant Professor, Mathematics  
*Sloan Research Fellowship-Mathematics, Alfred P. Sloan Foundation (2021)*

**Daniel P. Marrone**

Full Professor, Astronomy and Astronomer,  
Steward Observatory  
*Breakthrough Prize in Fundamental Physics, Breakthrough Prizes (2020)*

**Mark S. Marley**

Professor, Department Head, and Director,  
Planetary Sciences/Lunar and Planetary Laboratory  
*Fellow, American Astronomical Society (2021)*

**Nicole L. Marrone**

Associate Professor, Speech, Language, and Hearing Sciences  
*Journals Editor's Award, American Speech-Language- Hearing Association (2021)*  
*Fellowship of the Association, American Speech-Language- Hearing Association (2020)*

**Martin, Hubert "Buddy"**

Associate Research Professor, Optical Sciences and Project Scientist, Steward Observatory  
*SPIE A. E. Conrady Award in Optical Engineering, International Society for Optics and Photonics (2019)*

**Michael Marty**

Associate Professor, Chemistry and Biochemistry  
*Ron Hites Award, American Society of Mass Spectrometry (2021)*

**Donald W. McCarthy**

Regents' Professor, Astronomy and Astronomer,  
Steward Observatory  
*AAS Fellow, American Astronomical Society (2020)*

**Alfred S. McEwen**

Regents' Professor, Lunar and Planetary Laboratory  
*Fellow, Geological Society of America (2020)*

**Jennifer C. McIntosh**

Professor, Hydrology and Atmospheric Sciences  
*Fellow, Geological Society of America (2019)*

**Joanna Monti-Masel**

Professor, Ecology and Evolutionary Biology  
*Ideas Challenge, John Templeton Foundation (2020)*

**Frank Musiek**

Professor, Speech, Language, and Hearing Sciences  
*Outstanding Research in Central Auditory Processing Disorders, Royal Arch Masons (2021)*

## National and International Honors and Awards continued

### **Lynn Nadel**

Regents' Professor Emeritus, Psychology  
*Distinguished Scientific Contribution Award, American Psychological Association (2020)*  
*Elected to the National Academy of Sciences (2021)*

### **Feryal Özel**

Professor, Astronomy and Physics  
*Breakthrough Prize in Fundamental Physics, Breakthrough Prizes (2020)*

### **Jeanne E. Pemberton**

Professor, Chemistry and Biochemistry  
*Analytical Chemistry Award in Spectrochemical Analysis, American Chemical Society (2021)*

### **Dimitrios Psaltis**

Professor, Astronomy and Physics  
*Breakthrough Prize in Fundamental Physics, Breakthrough Prizes (2020)*

### **Jeffrey Pyun**

Professor, Chemistry and Biochemistry  
*Senior Member, National Academy of Inventors (2019)*  
*Fellow, Polymeric Materials: Science and Engineering Division (2019)*

### **Kristin Reeb**

Clinical Instructor, Speech, Language, and Hearing Sciences  
*Award for Continuing Education, American Speech-Language-Hearing Association) (2019)*

### **Ulises Ricoy**

Associate Research Scientist, Neuroscience  
*National Award of Excellence in Public Service, National Hispanic Science Network (2020)*  
*Named in 100 Inspiring Hispanic/Latinx Scientist, Cell Press (2020)*  
*Named Director for Outreach, Grass Foundation (2019)*  
*PULSE Fellow, HHMI (2019)*  
*Travel Award, National Hispanic Science Network (2020)*

### **George H. Rieke**

Regents' Professor, Astronomy and Astronomer, Steward Observatory  
*Legacy Fellow, American Astronomical Society (2020)*

### **Marcia J. Rieke**

Regents' Professor, Astronomy and Astronomer, Steward Observatory  
*Legacy Fellow, American Astronomical Society (2020)*

### **Joellen Russell**

Professor, Geosciences  
*Fulbright Scholar, Council for International Exchange of Scholars (2020)*

### **Vicente E. Talanquer**

Distinguished Professor, Chemistry and Biochemistry  
*Achievements in Research for the Teaching and Learning of Chemistry, Academy of Chemical Science (2021)*  
*Educational Research Award, The Council of Scientific Society Presidents (2020)*

### **Xueying Tang**

Assistant Professor, Mathematics  
*Outstanding Reviewer, American Educational Research Association (2020)*

### **Kaustubh Thirumalai**

Assistant Professor, Geosciences  
*Invited Distinguished Panelist, Annual Meeting, The Micropaleontological Society (2020)*  
*Invited Paleoclimate Expert, VAIBHAV Summit, Prime Minister's Office of India (2020, 2021)*  
*Outstanding Reviewer, Geophysical Research Letters, American Geophysical Union (2020)*

### **Diane M. Thompson**

Assistant Professor, Geosciences  
*Faculty Early Career Development (CAREER) Program, National Science Foundation (2020)*

### **Remond P. J. Tilanus**

Research Professor, Steward Observatory  
*Breakthrough Prize in Fundamental Physics, Breakthrough Prizes (2020)*

### **Valerie M. Trouet**

Professor, Dendrochronology  
*Kavli Frontiers of Science Fellows, National Academy of Sciences (2020)*  
*Jan Walkers Prize, World Wildlife Fund (2020)*

**Douglas L. Ulmer**

Professor and Department Head, Mathematics  
*Collaboration Grants for Mathematicians,  
Simons Foundation (2020)*

**Ubirajara Van Kolck**

Professor, Physics  
*Member, Academia Europae (2021)  
Herman Feshbach Prize in Theoretical Nuclear  
Physics, American Physical Society (2020)*

**Bill Velez**

Professor Emeritus, Mathematics  
*Inclusivity Award from the Mathematical  
Association of America (2020)*

**Lawrence Venable**

Professor, Ecology and Evolutionary Biology  
*Fulbright Scholar, Council for International  
Exchange of Scholars (2019)*

**Bruce Walsh**

Professor, Ecology and Evolutionary Biology  
*Lifetime Achievement Award, International  
Congress in Quantitative Genetics (2020)*

**Jan Wehr**

Professor, Mathematics  
*Fellow in Mathematics, Simons Foundation  
(2021)*

**Vladimir Zakharov**

Regents' Professor, Mathematics  
*Bogoliubov Medal of the Russian Academy of  
Sciences (2020)*

**Xubin Zeng**

Professor, Hydrology and Atmospheric  
Sciences  
*The Charles Franklin Brooks Award for  
Outstanding Service, American Meteorological  
Society (2021)*

**Lucy M. Ziurys**

Professor, Chemistry and Biochemistry, and  
Astronomy  
*Fellow, American Astronomical Society (2020)  
Breakthrough Prize in Fundamental Physics,  
Breakthrough Prizes (2020)*

**Marek G. Zreda**

Professor, Hydrology and Atmospheric  
Sciences  
*Honorary Professorship, State School of Higher  
Education (PSW), Biala Podlaska, Poland  
(2020)  
The Mercator Fellow, Deutsche  
Forschungsgemeinschaft (DFG) (2020)*

# New College of Science Faculty

## **Stacey Alberts**

Assistant Research Professor, Steward Observatory (2020)  
*PhD, University of Massachusetts, Amherst*

## **Thomas Beatty**

Assistant Research Professor, Steward Observatory (2020)  
*PhD, Ohio State University*

## **Stephanie A. Capaldi**

Assistant Professor of Practice, Molecular and Cellular Biology (2021)  
*PhD, University of Leeds, U.K.*

## **Chi-Kwan Chan**

Associate Research Professor, Astronomy/ Steward Observatory (2020)  
*PhD, University of Arizona*

## **Haeun Chung**

Assistant Research Professor, Steward Observatory (2021)  
*PhD, Seoul National University*

## **David Claveau**

Senior Lecturer, Computer Science (2021)  
*PhD, Concordia University*

## **Veaceslav Coropceanu**

Research Professor, Chemistry and Biochemistry (2020)  
*PhD, State University of Moldova*

## **Katia Cunha**

Associate Research Professor, Steward Observatory (2020)  
*PhD, Observatório Nacional (ON/MCTI), Rio de Janeiro, Brazil*

## **Eiichi Egami**

Research Professor, Steward Observatory (2020)  
*PhD, University of Hawaii*

## **Virginie Faramaz**

Assistant Research Professor, Steward Observatory (2021)  
*PhD, Université Grenoble Alpes*

## **H. Alyson Ford**

Assistant Research Professor, Steward Observatory (2020)  
*PhD, Swinburne University of Technology*

## **Carmala N. Garzione**

Dean, College of Science, and Full Professor, Geosciences (2021)  
*PhD, University of Arizona*

## **Andras Gaspar**

Assistant Research Professor, Steward Observatory (2020)  
*PhD, University of Arizona*

## **Elizabeth M. Green**

Associate Research Professor, Steward Observatory (2020)  
*PhD, University of Texas at Austin*

## **Catherine Grier**

Assistant Research Professor, Steward Observatory (2020)  
*PhD, Ohio State University*

## **Christopher H. Guiterman**

Assistant Research Professor, Laboratory of Tree-Ring Research (2021)  
*PhD, University of Arizona*

## **Virginia C. Gulick**

Research Professor, Planetary Sciences/Lunar and Planetary Laboratory (2021)  
*PhD, University of Arizona*

## **Elizabeth Guyette**

Assistant Professor, Speech, Language, and Hearing Sciences (2021)  
*MA, CCC-SLP, BCS-CL, Indiana University – Bloomington*

## **C. Douglas Haessig**

Associate Professor, Mathematics (2021)  
*PhD, University of California, Irvine*

## **Kevin Hainline**

Assistant Research Professor, Steward Observatory (2020)  
*PhD, University of California, Los Angeles*

**Susan Hester**

Assistant Professor of Practice, Molecular and Cellular Biology  
*PhD, Indiana University - Bloomington*

**John Hill**

Research Professor, Steward Observatory (2020)  
*PhD, University of Arizona*

**Joannah L. Hinz**

Assistant Research Professor, Steward Observatory/MMT Observatory (2020)  
*PhD, University of Arizona*

**Linda Hollis**

Assistant Professor of Practice, Psychology (2021)  
*PhD, Northcentral University*

**Ellen S. Howell**

Research Professor, Planetary Sciences/Lunar and Planetary Laboratory (2020)  
*PhD, University of Arizona*

**Mauricio Ibañez-Mejía**

Assistant Professor, Geosciences (2021)  
*PhD, University of Arizona*

**Lise-Marie Imbert-Gerard**

Assistant Professor, Mathematics (2020)  
*PhD, Laboratoire J.-L. Lions, UPMC-Paris*

**Heonmi Kim**

Instructor, Mathematics (2020)  
*MS, Tarleton State University Texas*

**J. Serena Kim**

Associate Research Professor, Steward Observatory (2020)  
*PhD, State University of New York, Stony Brook*

**Craig A. Kulesa**

Associate Research Professor, Steward Observatory (2020)  
*PhD, University of Arizona*

**Jarron Leisenring**

Assistant Research Professor, Steward Observatory (2020)  
*PhD, University of Virginia*

**Hong Li**

Associate Research Professor, Chemistry and Biochemistry (2020)  
*PhD, Nankai University of China*

**Melanie Lotz**

Lecturer, Computer Science (2020)  
*MA and MS, Purdue University*

**Ananya Mallik**

Assistant Professor, Geosciences (2020)  
*PhD, Rice University*

**Mark S. Marley**

Head and Director, and Professor, Planetary Sciences/Lunar and Planetary Laboratory (2021)  
*PhD, University of Arizona*

**Laura Miller**

Full Professor, Mathematics (2020)  
*PhD, New York University*

**Peter A. Milne**

Research Professor, Steward Observatory (2020)  
*PhD, Clemson University*

**Kiyomi Morino**

Assistant Research Professor, Laboratory of Tree-Ring Research (2021)  
*PhD, University of Arizona*

**Katie Morzinski**

Associate Astronomer, Steward Observatory (2021)  
*PhD, University of California - Santa Cruz*

**Michael C. Nolan**

Research Professor, Planetary Sciences/Lunar and Planetary Laboratory (2020)  
*PhD, University of Arizona*

**Timothy E. Pickering**

Assistant Research Professor, Steward Observatory/MMT Observatory (2020)  
*PhD, University of Arizona*

**Sazzadur Rahaman**

Assistant Professor, Computer Science (2020)  
*PhD, Virginia Tech*

## New College of Science Faculty continued

### **Tonatiuh Sánchez-Vizuet**

Assistant Professor, Mathematics (2020)  
*PhD, University of Delaware*

### **Everett Schlawin**

Assistant Research Professor, Steward  
Observatory (2020)  
*PhD, Cornell University*

### **Glenn H. Schneider**

Research Professor, Steward Observatory  
(2020)  
*PhD, University of Florida, Gainesville*

### **Janet Sipes**

Instructor, Mathematics (2020)  
*PhD, Arizona State University*

### **Paul S. Smith**

Research Professor, Steward Observatory  
(2020)  
*PhD, University of New Mexico*

### **Yang Song**

Assistant Professor, Hydrology and  
Atmospheric Sciences (2020)  
*PhD, University of Illinois at Urbana Champaign*

### **Kate Yu-Ling Su**

Research Professor, Steward Observatory  
(2020)  
*PhD, University of Calgary*

### **Remond Tilanus**

Research Professor, Steward Observatory  
(2020)  
*PhD, University of Groningen*

### **Carlos Vargas**

Assistant Astronomer, Steward Observatory and  
Assistant Professor, Astronomy (2021)  
*PhD, New Mexico State University*

### **Benjamin W. Weiner**

Associate Research Professor, Steward  
Observatory/MMT Observatory (2020)  
*PhD, Rutgers University*

### **Christina Williams**

Assistant Research Professor, Steward  
Observatory (2020)  
*PhD, University of Massachusetts Amherst*

### **Christopher N. Willmer**

Associate Research Professor, Steward  
Observatory (2020)  
*PhD, CNPq/Observatório Nacional, Rio de  
Janeiro, Brazil*

### **Melville J. Wohlgemuth**

Assistant Professor, Neuroscience (2020)  
*PhD, University of California-San Francisco*

### **Schuyler G. Wolff**

Assistant Research Professor, Steward  
Observatory (2020)  
*PhD, Johns Hopkins University*

### **Jiah Yoo**

Assistant Professor, Psychology (2021)  
*PhD, University of Wisconsin*

# College of Science Promotion and Tenure

## **Aditya Adiredja**

Promoted to Associate Professor with Tenure, Mathematics (2021)

## **Mary Alt**

Promoted to Full Professor, Speech, Language, and Hearing Sciences (2020)

## **Nadja Anderson**

Promoted to Assistant Professor of Practice, Molecular and Cellular Biology (2020)

## **Eric Anson**

Promoted to Senior Lecturer, Computer Science (2021)

## **Daniel Apai**

Promoted to Full Professor, Astronomy and Planetary Sciences, and Astronomer, Steward Observatory, (2021)

## **Ali Behrangi**

Promoted to Full Professor with Tenure, Hydrology and Atmospheric Sciences (2021)

## **Peter Behroozi**

Promoted to Associate Professor with Tenure, Astronomy, and Associate Astronomer, Steward Observatory (2021)

## **Gurtina Besla**

Promoted to Associate Professor with Tenure, Astronomy and Associate Astronomer, Steward Observatory (2020)

## **Jeanmarie Bianchi**

Promoted to Assistant Professor of Practice, Psychology (2021)

## **J. Ross Buchan**

Promoted to Associate Professor with Tenure, Molecular and Cellular Biology (2020)

## **Haijiang Cai**

Promoted to Associate Professor with Tenure, Neuroscience (2021)

## **Chi-Kwan Chan**

Promoted to Associate Astronomer and Associate Research Professor, Steward Observatory (2021)

## **Hamish S. Christie**

Promoted to Associate Professor of Practice, Chemistry and Biochemistry (2021)

## **Adam Daly**

Promoted to Assistant Professor of Practice, Chemistry and Biochemistry (2020)

## **Lisa Dollinger**

Promoted to Associate Professor of Practice, Chemistry and Biochemistry (2020)

## **Arne D. Ekstrom**

Promoted to Full Professor, Psychology (2020)

## **Julie Feldman**

Promoted to Associate Professor of Practice, Psychology (2020)

## **Thomas A. Fleming**

Promoted to Professor of Practice, Astronomy/ Steward Observatory (2021)

## **Brenda L. Frye**

Promoted to Associate Professor, Astronomy Associate Astronomer with Continuing Status, Steward Observatory (2020)

## **Amy Graham**

Promoted to Associate Professor of Practice, Chemistry and Biochemistry (2020)

## **Samuel E. Gralla**

Promoted to Associate Professor with Tenure, Physics (2021)

## **Matthew D. Grilli**

Promoted to Associate Professor with Tenure, Psychology (2021)

## **Olivier Guyon**

Promoted to Astronomer with Continuing Status, Steward Observatory and Full Professor with Tenure, College of Optical Sciences (2020)

## College of Science Promotion and Tenure continued

### **Jack Hall**

Promoted to Associate Professor with Tenure, Mathematics (2020)

### **Christopher W. Hamilton**

Promoted to Associate Professor with Tenure, Planetary Sciences/Lunar and Planetary Laboratory (2020)

### **Walter Harris**

Promoted to Full Professor, Planetary Sciences/Lunar and Planetary Laboratory (2020)

### **Nancy C. Horton**

Promoted to Full Professor, Molecular and Cellular Biology (2020)

### **Jolene Jacquart**

Promoted to Assistant Clinical Professor, Psychology (2021)

### **Ashley Jordan**

Promoted to Associate Professor of Practice, Psychology (2021)

### **Vlad Kumirov**

Promoted to Assistant Professor of Practice, Chemistry and Biochemistry (2021)

### **Adam Lazarewicz**

Promoted to Assistant Professor of Practice, Psychology (2021)

### **Joshua Levine**

Promoted to Associate Professor with Tenure, Computer Science (2020)

### **Peter Loch**

Promoted to Full Research Professor, Physics (2021)

### **Daniel P. Marrone**

Promoted to Full Professor, Astronomy and Astronomer, Steward Observatory (2021)

### **Michael Marty**

Promoted to Associate Professor with Tenure, Chemistry and Biochemistry (2021)

### **Stefan Meinel**

Promoted to Associate Professor with Tenure, Physics (2020)

### **Peter A. Milne**

Promoted to Research Professor and Astronomer, Steward Observatory (2021)

### **Kathleen Morzinski**

Promoted to Associate Astronomer, Continuing Eligible, Steward Observatory (2020)

### **Thomas Muller**

Promoted to Full Clinical Professor, Speech, Language, and Hearing Sciences (2021)

### **Chad Park**

Promoted to Associate Professor of Practice, Chemistry and Biochemistry (2020)

### **Charlotte L. Pearson**

Promoted to Associate Professor with Tenure, Laboratory of Tree-Ring Research (2021)

### **Andrew Perkins**

Promoted to Assistant Professor of Practice, Psychology (2021)

### **John R. Pollard**

Promoted to Associate Professor of Practice, Chemistry and Biochemistry (2020)

### **Lisa Rezende**

Promoted to Assistant Professor of Practice, Molecular and Cellular Biology (2020)

### **David J. Sand**

Promoted to Associate Professor with Tenure, Astronomy and Associate Astronomer, Steward Observatory (2020)

### **Carlos E. Scheidegger**

Promoted to Associate Professor with Tenure, Computer Science (2020)

### **Robert J. Sims**

Promoted to Full Professor, Mathematics (2021)

### **Nathan Smith**

Promoted to Full Professor, Astronomy and Astronomer, Steward Observatory (2020)



**Allison Tackman**

Promoted to Assistant Professor of Practice,  
Psychology (2021)

**Valerie M. Trouet**

Promoted to Full Professor, Laboratory of Tree-  
Ring Research (2020)

**Robert C. Wilson**

Promoted to Associate Professor with Tenure,  
Psychology (2021)

**Brian Zacher**

Promoted to Assistant Professor of Practice,  
Chemistry and Biochemistry (2021)

**Thomas J. Zega**

Promoted to Full Professor, Planetary Sciences/  
Lunar and Planetary Laboratory (2021)

**Beichuan Zhang**

Promoted to Full Professor, Computer Science  
(2020)

# Retiring College of Science Faculty

**Bobbi L. Anglin**

Instructor, Chemistry and Biochemistry (2021)

**Gilda E. Ballester**

Research Professor, Planetary Sciences/Lunar and Planetary Laboratory (2021)

**Bruce J. Bayly**

Associate Professor, Mathematics (2021)

**Eric A. Betterton**

Professor, Hydrology and Atmospheric Sciences (2020)

**John H. Bieging**

Professor, Steward Observatory (2020)

**William V. Boynton**

Professor, Planetary Sciences/Lunar and Planetary Laboratory (2020)

**Peter L. Chesson**

Professor, Ecology and Evolutionary Biology (2021)

**William E. Conway**

Associate Professor, Mathematics (2020)

**Jim M. Cushing**

Professor, Mathematics (2020)

**Robert T. Downs**

Professor, Geosciences (2021)

**Malcolm K. Hughes**

Professor, Laboratory of Tree-Ring Research (2020)

**Roy A. Johnson**

Professor, Geosciences (2021)

**Ted Laetsch**

Associate Professor, Mathematics (2021)

**Bruce K. Macmillan**

Instructor, Mathematics (2020)

**Daniel Madden**

Associate Professor, Mathematics (2020)

**Robert S. McMillan**

Associate Research Scientist, Planetary Sciences/Lunar and Planetary Laboratory (2019)

**Cassandra F. Muller**

Clinical Associate Professor, Speech, Language, and Hearing Sciences (2020)

**Frank Musiek**

Professor, Speech, Language, and Hearing Sciences (2021)

**Robert H. Robichaux**

Distinguished Professor, Ecology and Evolutionary Biology (2020)

**Steven S. Saavedra**

Professor, Chemistry and Biochemistry (2021)

**Charles E. Seedorff**

Associate Professor, Geosciences (2021)

**Timothy D. Swindle**

Professor, Planetary Sciences/Lunar and Planetary Laboratory (2021)

**William D. Toussaint**

Professor, Physics (2020)

**Charles D. Weidman**

Lecturer, Hydrology and Atmospheric Sciences (2021)

**Vladimir E. Zakharov**

Regents' Professor, Mathematics (2021)

## COLLEGE OF SCIENCE

### **Carmala N. Garzione**

Dean

### **Rebecca L. Gomez**

Interim Associate Dean, Student Academic Success

### **Peter W. Reiners**

Associate Dean, Research

### **Brad H. Story**

Associate Dean, Faculty Affairs

## DEPARTMENT HEADS & DIRECTORS

### **Philip A. Pearthree**

Arizona Geological Survey

### **Buell T. Jannuzi**

Astronomy/Steward Observatory

### **Craig A. Aspinwall**

Chemistry and Biochemistry

### **David K. Lowenthal**

Computer Science, Interim Head

### **Michael Worbey**

Ecology and Evolutionary Biology

### **Barbara Carrapa**

Geosciences

### **Thomas Meixner**

Hydrology and Atmospheric Sciences

### **David C. Frank**

Laboratory of Tree-Ring Research

### **Douglas L. Ulmer**

Mathematics

### **Joyce A. Schroeder**

Molecular and Cellular Biology

### **Konrad E. Zinsmaier**

Neuroscience, Interim Head

### **Sumitendra Mazumdar**

Physics

### **Mark S. Marley**

Planetary Sciences/Lunar and Planetary Laboratory

### **Lee Ryan**

Psychology

### **Mary Alt**

Speech, Language, and Hearing Sciences

## SCHOOLS

### **Barbara Carrapa**

School of Earth and Environmental Sciences

### **Douglas L. Ulmer**

School of Mathematical Sciences

### **Konrad E. Zinsmaier**

School of Mind, Brain and Behavior

## PROGRAMS

### **Mary A. Peterson**

Cognitive Science



THE UNIVERSITY OF ARIZONA  
**College of Science**

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