

 COLUMBIA UNIVERSITY  
Faculty of Arts and Sciences

*Two Thousand Fourteen*

*Faculty Distinction*

*Celebrating the awards, honors and recognition  
of the Faculty of Arts & Sciences*

# Introduction



The Faculty of the Arts and Sciences at Columbia University comprises a remarkable array of professors who have been recognized with some of the world's most prestigious scholarly awards and honors. Over the course of the last academic year, four faculty members were elected to the National Academy of Sciences and three were elected fellows of the American Academy of Arts and Sciences. Our faculty also received nine honorary degrees, five Guggenheim fellowships, and one Tony Award nomination, in addition to a whole host of other awards and honors. In short, our faculty is exceptional.

Standing at the forefront of our distinguished faculty is a commitment to teaching that bears the rigorous and disciplined hallmark of our university. At Columbia, we champion undergraduate, graduate and professional education and celebrate the professors who continue to advance this rich tradition. Through the excellence of our faculty, a Columbia education prepares our students for fulfilling and successful careers that leave a positive mark on the world.

**Carlos J. Alonso**

*Dean of the Graduate  
School of Arts & Sciences*

*Vice President for  
Graduate Education*

*Morris A. and Alma Schapiro  
Professor in the Humanities*

**David B. Madigan**

*Executive Vice President  
for Arts & Sciences*

*Dean of the Faculty  
of Arts & Sciences*

*Professor of Statistics*

**James J. Valentini**

*Dean of Columbia College*

*Vice President for  
Undergraduate Education*

*Henry L. and Lucy G.  
Moses Professor*



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## Marcel Agüeros

*Assistant Professor of Astronomy*

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Provost Grant for Junior Faculty Who Contribute to the Diversity Goals of the University



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## David Blei

*Professor of Statistics and of Computer Science*

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2013 ACM-Infosys Foundation Award



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## Ronald Breslow

*University Professor*

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Topliss Award, University of Michigan

Frank Westheimer Medal, Harvard University

2014 American Institute of Chemists (AIC) Gold Medal



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## Wallace Broecker

*Newberry Professor of Earth and Environmental Sciences*

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2014 Doctor of Science, *Honoris Causa*, Oxford University

2014 Dean's Award for Distinguished Achievement, Graduate School of Arts & Sciences



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## Louis E. Brus

*Samuel Latham Mitchell Professor of Chemistry and Professor of Chemical Engineering*

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Prize in Chemistry from the Welch Foundation



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## Luis M. Campos

*Assistant Professor of Chemistry*

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2014 National Science Foundation (NSF) CAREER Award

2014 3M Non-Tenured Faculty Award

2014 American Chemical Society (ACS) Polymeric Materials: Science & Engineering (PMSE) Young Investigator Symposium



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## Mark Cane

*G. Unger Vetlesen Professor of Earth and Climate Sciences and Professor of Applied Physics and Applied Mathematics*

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2013 Member, (US) National Academy of Sciences

2014 Maurice Ewing Medal, American Geophysical Union (AGU)



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## Martin Chalfie

*University Professor*

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2014 Keynote Lecture, Oliver Smithies Nobel Symposium



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## Larry Chasin

*William R. Kenan, Jr. Professor of Biological Sciences*

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Named Professorship: William R. Kenan, Jr. Professor of Biological Sciences



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## Ivan Corwin

*Associate Professor of Mathematics*

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Rollo Davidson Prize

Poincaré Chair, Institute Henri Poincaré (first laureate)



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## Samuel Danishefsky

*Centennial Professor of Chemistry*

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2014 American Chemical Society (ACS) Ralph F. Hirschmann Award in Peptide Chemistry



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## Richard Davis

*Howard Levene Professor of Statistics*

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President-Elect of the Institute of Mathematical Statistics (IMS) Council



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## Cory Dean

*Assistant Professor of Physics*

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National Science Foundation (NSF) CAREER Award



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## Kenneth Eisenthal

*Mark Hyman Professor of Chemistry*

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2014 American Chemical Society (ACS) Award in Colloid and Surface Chemistry



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## Joachim Frank

*Professor of Biochemistry and Molecular Biophysics and of Biological Sciences*

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2014 Benjamin Franklin Medal in Life Science



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## Robert Friedman

*Professor of Mathematics*

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Mark Van Doren Teaching Award



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## Richard Friesner

*William P. Schweitzer Professor of Chemistry*

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Named Professorship: William P. Schweitzer Professor of Chemistry



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## Ruben Gonzalez

*Associate Professor of Chemistry*

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2014 Alumnus Member, Phi Beta Kappa, Epsilon Chapter of Florida

2014 Finalist for the Blavatnik National Awards for Young Scientists



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## Arnold Gordon

*Professor of Earth and Environmental Sciences*

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2014 Fellow, Atmospheric and Hydrospheric Sciences, American Association for the Advancement of Science (AAAS)



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## Brian Greene

*Professor of Mathematics and of Physics*

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Merck-Serono Book Prize for Literature and Science for *The Hidden Reality: Parallel Universes and the Deep Laws of the Cosmos*

2013 Best Documentary, Jackson Hole Film Festival, for *Fabric of the Cosmos*



## Miklos Gyulassy

*Professor of Physics*

Selected first of 142 Outstanding Referees of Physical Review and Physical Review Letters



## Carl L. Hart

*Associate Professor of Psychology (in Psychiatry)*

Mothers Against Teen Violence Humanitarian Award

Brooklyn Family Defense Practice Service Award

PEN/E. O. Wilson Literary Science Writing Award for *High Price*



## Don Hood

*James F. Bender Professor in Psychology; Professor of Ophthalmic Sciences (in Ophthalmology)*

Elected Fellow of the American Academy of Arts and Sciences



## Peter Kelemen

*Arthur D. Storke Memorial Professor of Earth and Environmental Sciences*

Lenfest Distinguished Faculty Award

2014 Member, (US) National Academy of Sciences

Jubilee International Visiting Fellow, University of Southampton, UK





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## James Manley

*Julian Clarence Levi Professor of the Life Sciences*

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Chinese Academy of Sciences Einstein Professorship



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## Robert Mawhinney

*Professor of Physics*

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2013 Elected Fellow of the American Physical Society (APS)



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## Ann McDermott

*Esther Breslow Professor of Biological Chemistry and Professor of Biological Sciences and of Chemical Engineering*

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Bourke Award of the Royal Society of Chemistry (RSC)

2014 Gunther Laukien Prize for Magnetic Resonance



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## Jerry McManus

*Professor of Earth and Environmental Sciences*

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2013–2014 Best Teacher, Department of Earth and Environmental Sciences



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## Don Melnick

*Thomas Hunt Morgan Professor of Conservation and Biology  
and Professor of Anthropology and of Biological Sciences*

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Lenfest Distinguished Faculty Award



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## Brian Metzger

*Assistant Professor of Physics*

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2014 Sloan Fellowship



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## Elizabeth Miller

*Associate Professor of Biological Sciences*

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2013 Women in Cell Biology Sustained Excellence in Research  
Award



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## Andrew Millis

*Professor of Physics*

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Fellow, American Association for the Advancement of Science  
(AAAS)



## Wei Min

*Assistant Professor of Chemistry*

2014 George Fraenkel Fund Award

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## Rachel Ollivier

*Assistant Professor of Mathematics*

Provost Grant for Junior Faculty Who Contribute to the Diversity Goals of the University

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## Gerard Parkin

*Professor of Chemistry*

2014 Ludwig Mond Award

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## Abhay Pasupathy

*Associate Professor of Physics*

Office of Naval Research (ONR) Young Investigator Award

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## Dana Pe'er

*Associate Professor of Biological Sciences*

2014 Overton Prize

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## Duong Phong

*Professor of Mathematics*

Elected Fellow of the American Academy of Arts and Sciences

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## Terry Plank

*Arthur D. Storke Memorial Professor of Earth and Environmental Sciences*

2013 Member, (US) National Academy of Sciences

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## Carol Prives

*DaCosta Professor of Biology*

Honorary Doctorate, McGill University

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## Philip Protter

*Professor of Statistics*

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Invited to deliver the Institute of Mathematical Statistics (IMS)  
Public Lecture

Karl Menger Lecturer



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## Valerie Purdie-Vaughns

*Associate Professor of Psychology*

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Lenfest Distinguished Faculty Award

Research Initiatives in Science and Engineering (RISE) Award



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## Xavier Roy

*Assistant Professor of Chemistry*

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2013 Department of Energy (DOE) Postdoctoral Researcher  
Competition Award



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## Dustin Rubenstein

*Associate Professor of Ecology, Evolution and Environmental  
Biology*

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Elected Member, American Ornithologists' Union



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## Ozgur Sahin

*Associate Professor of Biological Sciences and of Physics*

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National Institute of Health (NIH) Director's New Innovator Award

Packard Fellowship for Science and Engineering



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## Daphna Shohamy

*Associate Professor of Psychology*

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Young Investigators Award, Society for Neuroeconomics

Young Investigators Award, Cognitive Neuroscience Society



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## Adam Sobel

*Professor of Applied Physics and Applied Mathematics and of Earth and Environmental Sciences*

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2014 Atmospheric Sciences Ascent Award, American Geophysical Union (AGU)

2014 Award in Climate and Extreme Weather, AXA Research Fund



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## Brent Stockwell

*Professor of Chemistry and of Biological Sciences*

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Named a National Academies Education Fellow in the Sciences

Lenfest Distinguished Faculty Award



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## Maria Uriarte

*Professor of Ecology, Evolution and Environmental Biology*

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Received an award from the Science Foundation of the State of Rio de Janeiro (FAPERJ)



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## Rafael Yuste

*Professor of Biological Sciences and of Neuroscience*

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National Institute of Health (NIH) Director's Pioneer Award  
Lenfest Distinguished Faculty Award



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## William A. Zajc

*Professor of Physics*

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2014 T. W. Bonner Prize in Nuclear Physics, American Physical Society (APS)



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## Tian Zheng

*Associate Professor of Statistics*

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2014 American Statistical Association (ASA) Fellow



IN MEMORY OF  
ROBERT COLLET  
CLASS OF 1860







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