

Curriculum Vitae—Adam Guy Riess

Office

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Education

Harvard University, Ph.D., Astrophysics, 1996
Harvard University, A.M., Astrophysics, 1994
Massachusetts Institute of Technology, B.S, Physics, Minor in History 1992

Positions Held

Johns Hopkins University, Thomas J. Barber Professor of Physics and Astronomy, 2006-
Space Telescope Science Institute, Distinguished Astronomer 1999-
U.C. Berkeley, Miller Fellow, 1996-1999
Harvard University, Doctoral Student, 1992-1996
Lawrence Livermore National Laboratory, Research Associate, Summer 1992
Massachusetts Institute of Technology, Undergraduate Research Assistant, 1990-1992

Honors and Awards— Recognition by Peers

Breakthrough Prize in Fundamental Physics, 2014
Nobel Prize in Physics, 2011
NASA Exceptional Scientific Achievement Award, 2011
American Physical Society, Fellow 2011
Einstein Medal, 2011
Gilman Scholar, Johns Hopkins University, 2011
Thomson Reuters Citation Laureate, 2010
National Academy of Sciences, 2009
MacArthur Fellow, 2008
American Academy of Arts and Sciences, 2008
Kavli Frontier of Science Fellow, 2007
Gruber Prize in Cosmology, 2007
Shaw Prize, Hong Kong, 2006
Townes Prize in Cosmology, UC Berkeley, 2005
Raymond and Beverly Sackler Prize, Tel-Aviv University, 2004
International Academy of Astronautics, Laurels for Achievement Award, 2004
Helen B. Warner Prize, American Astronomical Society, 2003
Bok Prize, Harvard University, 2001

AURA Science Award, 2000
STScI Science Merit Award, 2000, 2001
Trumpler Award, Astronomical Society of the Pacific, 1999
Harvard GSAS Merit Fellow, 1995
Harvard Distinction in Teaching Award, 1994
Margaret Weyerhaeuser Jewett Memorial Fellowship, 1993
Phi Beta Kappa at MIT, GPA: 4.94/5.00

Honors and Awards– Public Recognition

Time Magazine 25 Most Influential People in Space, 2012
Academy of Achievement, Golden Plate Award, 2012
Discover Magazine “Twenty under 40”, 2008
Esquire Magazine “Best and Brightest” Award, 2003
Discover Magazine Innovator Award, Finalist, 2003
Time Magazine Innovator Award, 2000
Science Magazine’s Research “Breakthrough of the Year”, 1998

Supervised Students and Postdocs

Miss. Caroline Huang, Graduate Student, JHU 2015-present
Dr. Samantha Hoffman, Postdoctoral Fellow, Texas A&M, 2014-present
Dr. Richard Anderson, Postdoctoral Fellow, JHU, 2014-present
Mr. David Jones, Graduate Student, JHU 2011-present
Dr. Steve Rodney, Postdoctoral Fellow, JHU, 2010-2015
Mr. Dan Scolnic, Graduate Student, JHU, 2007-2014
Dr. Mark Huber, Postdoctoral Fellow, JHU, 2007-2010
Dr. Andre Martel, Postdoctoral Fellow, JHU, 2006-2007
Miss. Bridget Faulk, Graduate Student, JHU, 2006-2009
Dr. Joao Souza, Postdoctoral Fellow, STScI, 2005-2006
Dr. Hubert Lampeitl, Postdoctoral Fellow, STScI, 2005-2008
Dr. Louis Strolger, Postdoctoral Fellow, STScI, 2002-2005
Mr. Josh Younger, Undergraduate Research Assistant, STScI, 2005
Mr. Chris Carpenter, Undergraduate Research Assistant, Harvard, 1996

Recent Teaching, Communication, Service

Johns Hopkins University, taught Physics 171.118, Spring 2007-2013, 2015
Scientific American Magazine, “From Slowdown to Speedup”, by A. G. Riess and M. S. Turner, February 2004
Johns Hopkins Exoplanet Faculty Search, co-Chair 2015
STScI Director Search, 2015
Decadal Survey Program Prioritization Panel, 2009

Johns Hopkins Astrophysics Faculty Search, Chair 2009
Johns Hopkins Discovery Working Group, co-chair, 2008
National Geographic Live, 2012
“Science Friday: Ask an Astronomer”, Guest, NPR, 2012
“Science Friday”, Guest, NPR, 2012
“Wait, Wait, Don’t Tell Me” , NPR, 2011
The Universe, NHK Japan, 2010
400 Years of The Telescope, NPR 2008
Hubbles Amazing Universe, National Geographic 2008
“Scientific American Frontiers”, Guest, PBS, 2004
“60 Minutes”, Guest, CBS, 2003
“Science Friday”, Guest, NPR, 2001
“NOVA”, Guest, PBS, 2000,2005
“Jim Lehrer News Hour”, Guest, PBS, 1998
“Headline News”, Guest, CNN, 1998
“Science Friday”, Guest, NPR, 1998

Most Important Publications

- Riess, A. G. et al. 1998, "Observational Evidence from Supernovae for an Accelerating Universe and a Cosmological Constant", *AJ*, 116, 1009
- Riess, A. G., et al. 2004, "Type Ia Supernova Discoveries at $z > 1$ From the Hubble Space Telescope: Past Deceleration and Constraints on Dark Energy Evolution", *ApJ*, 607, 665
- Riess, A. G., Press, W. H., Kirshner, R. P. 1996, "A Precise Distance Indicator: Type Ia Supernova Multicolor Light Curve Shapes" *ApJ*, 473, 88
- Riess, A. G., et al. 2007, "New Hubble Space Telescope Discoveries of Type Ia Supernovae at $z > 1$: Narrowing Constraints on the Early Behavior of Dark Energy", *ApJ*, 659, 98
- Riess, A. G. et al., 2001, "The Farthest Known Supernova: Support for an Accelerating Universe and a Glimpse of the Epoch of Deceleration", *ApJ*, 560, 49
- Riess, A. G., Macri, L., Casertano, S., Sosey, M., Lampeitl, H., Ferguson, H. C., Filippenko, A. V., Jha, S. W., et al., A Redetermination of the Hubble Constant with the Hubble Space Telescope from a Differential Distance Ladder, 2009, *ApJ*, 699, 539
- Riess, A. G., Macri, L., Casertano, S., Lampeitl, H., Ferguson, H. C., Filippenko, A. V., Jha, S. W., Li, W., et al., A 3% Solution: Determination of the Hubble Constant with the Hubble Space Telescope and Wide Field Camera 3, 2011, *ApJ*, 730, 119
- Riess, A. G. et al., 1999, "BVRI Photometry of 22 Distant Type Ia Supernovae", *AJ*, 117, 707