

**The Harvard-Smithsonian Center for Astrophysics**  
**Division of Theoretical Astrophysics**  
**Institute for Theory and Computation**  
**Current and Former TA / ITC Postdoctoral Fellows and Graduate Students**

The Division of Theoretical Astrophysics and the Institute for Theory and Computation (ITC) at Harvard University is a center for excellence in theoretical astrophysics that integrates conceptual theory and computational modeling. The ITC was established in 2004 and is regarded by many as the most prominent theory center in astrophysics in the world. Former postdoctoral fellows and graduate students have gone on to premier and competitively sought-after positions in astrophysics after completing their research fellowships at the ITC.

**POSTDOCTORAL FELLOWS**

<u>NAME</u>	<u>YEAR of DEPARTURE</u>	<u>CURRENT TITLE</u>	<u>CURRENT INSTITUTION</u>	<u>RESEARCH INTERESTS</u>	<u>AWARDS</u>
<a href="#">Niayesh Afshordi</a>	2007	Assistant Professor	University of Waterloo and Perimeter Institute	Analysis of various data sets including cosmic microwave background maps from WMAP, galaxy survey maps from the Sloan Digital Sky Survey and the 2 Micron All Sky Survey to constrain the matter content of the universe	Distinguished Research Fellow
<a href="#">Joseph Barranco</a>	2007	Assistant Professor	San Francisco State University	Computational astrophysical & geophysical fluid dynamics, formation of satrs & planets, vortex dynamics in protoplanetary disks, transits of giant planets around other sun-like stars, the Kuiper belt	APS Nicholas Metropolis award, NSF Fellow
<a href="#">Daniel Baumann</a>	2009	Member, Astrophysics	Princeton, Institute for Advanced Study	Cosmology, particle astrophysics, string theory, supersymmetry	
<a href="#">Yuval Birnboim</a>	2010	Research Associate	Hebrew University	Radiation transfer in galactic halos and the role of turbulence in halos	The Goodmann Prize, Katzir award, Rothschild Fellow
<a href="#">Avery Broderick</a>	2007	Assistant Professor	University of Waterloo and Perimeter Institute	The evolution of and phenomena associated with compact objects, strong field gravity, and star formation	
<a href="#">Volker Bromm</a>	2004	Assistant Professor	University of Texas, Austin	Star & quasar formation, reionization of the universe, metal enrichment of the universe, physics of the first supernova explosions, high redshift supernovae and gamma-ray bursts, formation of supermassive black holes, formation of globular clusters	Robert J. Trumpler Award, Astronomical Society of the Pacific
<a href="#">James Bullock</a>	2004	Professor	UC Irvine	Gas cooling and the formation of galaxies, galaxy mergers and interactions, dark matter & dwarf galaxies, galaxy stellar halos	
<a href="#">Sukanya Chakrabarti</a>	2009	Assistant Professor	Rochester Institute of Technology	'Early Stages of Massive Protostars and Dusty Galaxies: Integrating the Theoretical and Observational Arenas'	University of California Presidential Fellow
<a href="#">Chi-Kwan Chan</a>	2010	Postdoctoral Fellow	University of Arizona	Large eddy simulation (LES) algorithms to solve GR-MHD equations	Nordita Fellowship
<a href="#">David Clarke</a>	1993	Professor	Saint Mary's University, Nova Scotia, Canada	Numerical MHD simulations of extragalactic radio sources and the interstellar medium, combined MHD and cosmic ray simulations, development of numerical algorithms	

<a href="#">Charlie Conroy</a>	2012	Assistant Professor	Harvard University, Harvard-Smithsonian Center for Astrophysics	Stellar polulation synthesis, connecting galaxies to dark matter halos across time, the heirarchical growth of massive galaxies, voids in large-scale structure, satellite galaxy kinematics	CfA Fellow, Junior Fellow, Harvard Society of Fellows
<a href="#">Thomas (T.J.) Cox</a>	2009	Data Scientist	Voxer	'Star Formation and Feedback in Simulations of Interacting Galaxies'	
<a href="#">Matija Cuk</a>	2011	Principal Investigator	SETI Institute	Planetary dynamics, both in our and other solar systems. Presently exploring the dynamical history of the Earth-Moon system, with the particular focus on the Lunar Cataclysm	Daly Fellow Clay Fellow
<a href="#">Mark Dijkstra</a>	2010	Postdoctoral Fellow	MPA-Garching	'Constraining Galaxy Formation and Reionization with Hydrogen Line Emission'	
<a href="#">Dimitrios Psaltis</a>	2000	Associate Professor	University of Arizona	Physics of neutron stars and balck holes, properties of magnetohydrodynamic turbulence in accretion flows, testing of the Theory of general relativity in the strong-field regime	NSF CAREER award
<a href="#">Elena D'Onghia</a>	2012	Assistant Professor	University of Wisconsin, Madison	Cosmology: nature of dark matter, large scale structure formation, galaxy groups, galaxy formation	
<a href="#">Gregory Dobler</a>	2009	Postdoctoral Fellow	Kavli Institute for Theoretical Physics at UCSB	Indirect detection of particle dark matter as well as its gravitational effects via gravitational lensing	
<a href="#">Daniel Fabrycky</a>	2010	Postdoctoral Fellow	UC Santa Cruz	'Dynamical Detection And Migration Of Multiple-Body Planetary Systems'	Michelson Fellow Hubble Fellow Junior Fellow, Harvard Society of Fellows
<a href="#">Alison Farmer</a>	2010		Industry	Astrophysical mysteries and understanding physical processes through the application of physics , planetary electrodynamicis	
<a href="#">Eric Ford</a>	2007	Assistant Professor	University of Florida	Planet formation, the dynamical evolution of planetary systems & extrasolar planets	
<a href="#">Anna Frebel</a>	2012	Assistant Professor	M.I.T.	Origin and evolution of the elements, early star and galaxy formation, stellar archeology, near-field cosmology	Clay Fellow
<a href="#">Yeshe Fenner</a>	2006	Project Officer	Royal Women's Hospital, Murdoch Childrens Res. Inst., Melbourne Australia	Chemical evolution of the Milky Way, chemical evolution of Damped Lyman-alpha Absorbers, measuring radial abundance profiles in external spiral galaxies, globular cluster abundance anomolies, space-time variations in fine-structure constant	
<a href="#">Charles Gammie</a>	1998	Professor	University of Illinois	Magnetohydrodynamics, star formation, accretion physics, computer simulation of astrophysical plasmas, the formation of interstellar clouds and the collapse of dense clouds to form stars, disk accretion of black holes	NSF CAREER Award, PECASE award, Beckman Fellow, University Scholar
<a href="#">B. Scott Gaudi</a>		Assistant Professor	Ohio State University	The search for extrasolar planets, study of the Kuiper Belt, topics in gravitational lensing	Hubble fellow, Menzel Fellow
<a href="#">Lijun Gou</a>	2012	Research Professor	National Astronomical Observatories of China	Estimation of the spins of black holes in X-ray binaries by the method of X-ray continuum fitting	
<a href="#">Tommy Grav</a>	2007	Research Scientist	Planetary Science Institute	Study of minor planets in the solar system, particularly the objects heavily influenced by the giant planets	
<a href="#">Eric Hallman</a>	2011	Research Scientist	Tech-X Corporation	'Predicting the Gamma-Ray Signature of Cosmic Ray Protons in Galaxy Lusters using Numerical Cosmological Simulations'	NSF Fellow
Anna Ijjas	2013	Postdoctoral Fellow	Rutgers / Princeton University	Theoretical Cosmology, General Relativity, Modified Gravity, Cosmic Inflation and Higgs Mechanism	
Patrik Jonsson	2012	Industry	Space-X	Interstellar dust and its effect on the appearance of galaxies by incorporating radiation-transfer simulations in hydrodynamic simulations of galaxy formation	UCSC Whitford prize, Keck Fellow

<a href="#">Mario Juric</a>	2011	Data Management Project Scientist	LSST	'Mapping Galactic Structure, Formation and Evolution with PanSTARRS'	Edward Wilson Award, Hubble Fellow
<a href="#">Vassiliki Kalogera</a>	2001	Professor	Northwestern University	Astrophysics of compact objects, formation and evolution in multiple stellar systems, physical properties of X-ray binaries, millisecond radio pulsars and double compact objects in galaxies, theoretical interpretation of current observations of their electromagnetic emission and anticipated gravitational radiation	Clay Fellow
<a href="#">Dusan Keres</a>	2010	Assistant Professor	UC San Diego	Gas supply into galaxy formation, properties and survivability of the cold halo clouds that infall into galaxies	Hubble Fellow
<a href="#">Uri Keshet</a>	2011	Member	Ben-Gurion University	Astrophysics and cosmology, the physics of collisionless shocks, large-scale structure, and black holes	Einstein Fellow
<a href="#">Woong-Tae Kim</a>	2000	Associate Professor	Seoul National University	Theoretical astronomy	
<a href="#">Christopher Kochanek</a>			Ohio State University	Astrophysical applications of gravitational lenses, local galaxies & clusters	
<a href="#">Kazunori Kohri</a>	2006	Assistant Professor	Tohoku University	Cosmology, high energy astrophysics	
<a href="#">Kaitlin Kratter</a>	2012	Postdoctoral Fellow	Univ. of Colorado, Boulder	Accretion disks, astrophysical hydrodynamics: star and planet formation, computational astrophysics	Connaught Fellow Hubble Fellow
Akshay Kulkarni	2011	Software Developer Engineer	Microsoft, Inc.	Magnetohydrodynamic computer simulations of black hole accretion flows, the physics of quasi-periodic oscillations in accreting neutron star and black holes	
<a href="#">Yuexing Li</a>	2007	Assistant Professor	Penn State University	Star formation and black hole accretion to investigate the formation and evolution of galaxies and quasars in the early Universe	Keck Fellow
Adam Lidz	2009	Assistant Professor	University of Pennsylvania	Formation and evolution of large scale structure, i.e., in understanding how the Universe evolves from a smooth, simple initial state to its present day complexity with galaxies, galaxy clusters, and other structures	
Jifeng Liu	2011	Principal Astronomer	National Astronomical Observatories of China	The nature of ultraluminous X-ray sources; the physics and population of stellar mass black holes; the three dimensional structure of the Milky Way	Chandra Fellow, Ralph Baldwin Prize
<a href="#">Shude Mao</a>	1995	Professor	Jodrell Bank Observatory, University of Manchester	Gravitational lensing and microlensing, galaxy formation	Friedrich Wilhelm Bessel Award
<a href="#">Jonathan McKinney</a>	2007	Assistant Professor	University of Maryland	High-energy astrophysics, non-relativistic and relativistic jets, black hole and neutron star accretion, general relativistic perturbation theory and numerical relativity, plasma physics, plasma and MHD instabilities, pulsar emission, non-thermal emission, gamma-ray bursts, galaxy/galaxy cluster evolution, AGN feedback, stellar & planetary internal magnetic fields and magnetospheres	
<a href="#">Mikhail Medvedev</a>	2000	Professor	University of Kansas	High-energy astrophysics, gamma-ray bursts, relativistic shock waves, magnetic field generation, radiation physics, observational aspects	
<a href="#">Miguel Morales</a>	2006	Assistant Professor	University of Washington	Experimental astrophysics and cosmology developing observational techniques and instrumentation for emerging cosmology observations, including: new radio cosmology signatures, construction of MWA, GASE & Radio Transient Surveys	

<a href="#">Banibrata Mukhopadhyay</a>	2006	Associate Professor	Indian Institute of Science	Theoretical astrophysics including physics of compact objects, particle astrophysics, cosmology and gravity	
<a href="#">Ruth Murray -Clay</a>	2010	Astrophysicist	Smithsonian Astrophysical Observatory, Harvard-Smithsonian Center for Astrophysics	Theoretical problems related to the formation and evolution of planetary systems, including the solar system, with particular interest in planetary dynamics, the Kuiper belt, planet formation, the atmospheres of hot Jupiters and other close-in planets, and disks around young stars	
<a href="#">Smadar Naoz</a>	as of 2014	Assistant Professor	Hebrew University	Study of the formation and properties of the first generation of galaxies, dynamical processes in extrasolar systems	ITC Fellow Einstein Fellow
<a href="#">Desika Narayanan</a>	2010	Postdoctoral Fellow	University of Arizona Department of Astronomy	Star forming interstellar media in starburst galaxies, ULIRGs, and active galaxies via large-scale numerical modeling; the molecular component of protoplanetary disks.	CfA Fellow, Bok Fellow
<a href="#">Hiroshi Oda</a>	2010		Chiba University	Steady model of magnetically supported, black hole accretion disks, MHD simulation of optically thin disks, radiation-MHD simulation, spectral analysis of galactic black hole candidates, neutron stars, AGNs, time variability of GBHCs, NSs	
<a href="#">Stella Offner</a>	2012	Postdoctoral Fellow	Yale University	Understanding how stars form, performing gravito-radiation-hydrodynamics simulations of the turbulent natal environment of stars, connecting theory and observation using synthetic observations	NSF Fellow Hubble Fellow
<a href="#">Eve Ostriker</a>	1996	Professor	Princeton University	Formation of stars & planets, dynamics and thermodynamics of the interstellar medium, structure and evolution of spiral galaxies, physics of accretion/outflow systems, astrophysical turbulence, numerical methods for hydrodynamics	Zonta International Amelia Earhart Fellow, John Simon Guggenheim Fellow
<a href="#">Asaf Pe'er</a>	2012	Professor	University College Cork, Ireland	Emission from compact-objects, Gamma-ray bursts. Microquasars, and high-energy cosmic rays	
<a href="#">Ue-Li Pen</a>	1999	Associate Professor	Canadian Institute for Theoretical Astrophysics	Cosmology, simulations, Sunyaev-Zeldovich Effect, galaxy spin correlatons, Lyman Alpha forest	Einstein Fellow Fulbright Fellow,
<a href="#">Hagai Perets</a>	2012	Assistant Professor	Technion, Israel	Stellar dynamics near massive black holes, atomic and molecular reactions on interstellar grains	Rothschild Fellow, CfA Fellow First Israeli National Scholarship
<a href="#">Jonathan Pritchard</a>	2011	Assistant Professor	Imperial College London, England	The astrophysics of the 21 cm line of hydrogen with a view to making predictions for the upcoming generation of low-frequency radio telescopes, cosmic microwave background, reionization, large scale structure, inflation, dark energy, neutrino mass	Hubble Fellow
<a href="#">Darin Ragozine</a>	2012	Postdoctoral Fellow	University of Florida	Kuiper belt objects	
<a href="#">Uros Seljak</a>	1998	Professor	UC Berkeley	Weak lensing, galaxy clustering, cosmic microwave background (CMB) anisotropies, Lyman alpha forest, theory and cosmological simulations	David & Lucille Packard Fellow, Alfred P. Sloan Fellow, Helen B. Warner award, NSF CAREER award
Yue Shen	2012	Postdoctoral Fellow	Carnegie Observatory	Supermassive black hole (SMBH) population and its evolution across cosmic time	Clay Fellow Hubble Fellow
<a href="#">Debora Sijacki</a>	2012	Assistant Professor	University of Cambridge, UK	Understanding the co-evolution of galaxies and their central black holes	Otto Hahn Medal - Max Planck Society, Hubble Fellow

<a href="#">Alicia Soderberg</a>	2010	Assistant Professor	Harvard University, Harvard-Smithsonian Center for Astrophysics	Radio, x-ray, and optical observations of supernovae and their environments; radio, optical, and x-ray transients; gamma-ray bursts and x-ray flashes; automation of small telescopes	Hubble Fellow Packard Fellow Sloan Fellow
Svetlin Tassev	2012	Postdoctoral Fellow	Princeton University	Accretion disks around black holes, dark matter	
<a href="#">Hy Trac</a>	2010	Assistant Professor	Carnegie Mellon University	Astrophysics and cosmology research focuses on the development and application of N-body, hydrodynamic and radiative transfer algorithms; evolution of dark matter, baryons and stars in the universe; cosmic reionization, the Lyman alpha forest and the Synyaev-Zel'dovich effect	
<a href="#">Mark Vogelsberger</a>	as of 2014	Assistant Professor	M.I.T.	The structure of dark matter on very small scales and its implications for any kind of dark matter detection experiments	Rudolf-Kippenhahn Prize ITC Fellow Hubble Fellow
David Weldrake	2009		Australia	Extrasolar Planets, planetary transits, photometry, effect of environment on planetary frequency, variable stars, star clusters, dark matter, stellar populations in external galaxies, low surface brightness galaxies	
<a href="#">Beth Willman</a>	2008	Assistant Professor of Astronomy	Haverford College	Near field cosmology, comparisons between theory and observations of the local universe to learn about dark matter and galaxy formation; investigate observations of the Milky Way and the ultra-faint galaxies orbiting it are consistent with the Cold Dark Matter model of the Universe	James Arthur Fellow, Clay Fellow
<a href="#">Joshua Winn</a>	2006	Associate Professor of Astronomy	MIT	Planet formation, theoretical model building, high-precision photometry of planetary transits, cosmology and galaxy structure	Fulbright Scholar, Hertz Fellow, NSF Fellow, NASA Fellow
<a href="#">Stuart Wyithe</a>	2002	Associate Professor	University of Melbourne	Quasar formation and reionization in the early universe, evolution of the earliest galaxies, gravitational lensing, quasar microlensing, statistical properties of gravitational lensing by galaxies and clusters of galaxies	Hubble Fellow, Woodward Medal, Australian Res. Council Queen Elizabeth II Fellow, Edgeworth David Medal, David Syme Research Prize, Pawsey Medal
<a href="#">Amit Yadav</a>	2009	Member, Astrophysics	Princeton, Institute for Advanced Study	Cosmic Microwave background (CMB), primordial non-Gaussianity, and the weak gravitational lensing	
<a href="#">Feng Yuan</a>	2003	Professor and Director of Research	Shanghai Astronomical Observatory	Accretion disks, our galactic center, active galactic nuclei, black hole x-ray binaries, jet formation	
Jaiyul Yoo	2010	Berkeley-Zurich Fellow	University of Zurich, UC Berkeley, Lawrence Berkeley Lab	Theoretical astrophysics and cosmology with close ties to observation, large-scale structure, weak gravitational lensing, cosmic microwave background, inflation and primordial non-Gaussianity	Donald H. Menzel Fellow

**GRADUATE STUDENTS**

<u>NAME</u>	<u>YEAR of DEPARTURE</u>	<u>CURRENT TITLE</u>	<u>CURRENT INSTITUTION</u>	<u>RESEARCH INTERESTS</u>	<u>AWARDS</u>
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<a href="#">Gurtina Besla</a>	as of 2014	Assistant Professor	Columbia University	Dark matter, galaxy formation	Hubble Fellow
<a href="#">Laura Blecha</a>	2012	Postdoctoral Fellow	University of Maryland	Black hole theory, Supermassive Black Holes in merging galaxies, including signatures of recoiling black holes and dual AGN	Gates Cambridge Scholar Einstein Fellow
Stephanie Bush	2010		Industry	Observation and numerical simulations to study star formation in galaxies; star formation in outer disks	Winston Churchill Scholar
Randall Cooper	2008	Technical Analyst	Goldman Sachs	X-ray bursts	Stanley P. Wyatt award, Ernest P. Lyman Prize
<a href="#">Rebekah Dawson</a>	2013	Postdoctoral Fellow	UC Berkeley	Extra-solar planets, the Kuiper Belt, debris disks, dynamics of planetary and satellite systems, signal processing, astrostatistics	Block Prize Prize Fireman Miller Fellow
<a href="#">Miguel de Val Borro</a>	2009	Staff, Planets & Comets Dept.	Max Planck Institute for Solar System Research	Numerical simulations of gaseous disks in binary systems	
<a href="#">Ann Esin</a>	1998	Professor	Harvey Mudd College	Theoretical astrophysics and observational astronomy	Chandra Fellow
<a href="#">Claude-Andre Faucher-Giguere</a>	2010	Postdoctoral Fellow	UC Berkeley	Intergalactic medium, radiation backgrounds, galaxy formation, Ly-alpha emission, high-energy astrophysics	Miller Fellow
<a href="#">Cesar Fuentes</a>	2010	Postdoctoral Fellow	Northern Arizona University	Formation and evolution of the Solar system, in particular: trans-neptunian objects	Fulbright Fellow
Joel Hartman	2008	Postdoctoral Fellow	Smithsonian Astrophysical Observatory	HATNet project, searching for transiting planets that orbit bright stars, deep MMT Transit Survey of the open cluster M37, variable stars in M33	
<a href="#">Chris Hayward</a>	2012	Postdoctoral Fellow	Heidelberg Institute for Theoretical Studies	Global cluster systems	
<a href="#">Ryan Hickox</a>	2007	Assistant Professor	Dartmouth College	Active galactic nuclei, large-scale structure of the universe, the cosmic X-ray background and X-ray binary pulsars	Marshall Fellow
<a href="#">Philip Hopkins</a>	2008	Assistant Professor	Caltech	Galaxy and quasar evolution, black hole formation and evolution	Miller Fellow
<a href="#">Hannah Jang-Condell</a>	2004	Postdoctoral Fellow	U of Maryland	Planet formation theory, protoplanetary disk models, extrasolar planets, astrobiology	Kavli Fellow, Michelson Fellow
<a href="#">Tongyan Lin</a>	2012	Postdoctoral Fellow	KICP, University of Chicago	Inelastic dark matter and particle astrophysics	Philip Morse Award, NSF Fellow
Rohan Mahadevan	1997	Vice-President	PayPal	Advection Dominated Accretion	
<a href="#">Ann Mao</a>	2011	Postdoctoral Fellow	University of Wisconsin - Madison	Time-dependant accretion disks in one dimension, excitation mechanism of oscillations in such flows	NRAO Jansky Fellow
<a href="#">Robert Marcus</a>	2011	Systems Engineer	Northrup Grumman Corp.	Planet formation via hydrodynamic and N-body simulations	
<a href="#">Matthew McQuinn</a>	2009	Postdoctoral Fellow	UC Berkeley	Morphology of the reionization epoch	Einstein Fellow
<a href="#">Kristen Menou</a>	1999	Associate Professor	Columbia University	Astrophysical fluid dynamics, extrasolar planets, massive black holes	Chandra Fellow, Celerity Foundation Fellow
<a href="#">Eliza (Miller-Ricci) Kempton</a>	2009	Assistant Professor	Grinnell College	Theoretical models of extrasolar super-earth atmospheres	Sagan Fellow
<a href="#">Joey Munoz</a>	2010	Postdoctoral Fellow	UCLA	Accretion disks around black holes	
<a href="#">Ryan O'Leary</a>	2010	Postdoctoral Fellow	UC Berkeley	Black holes, gravitational waves, dark matter	Einstein Fellow
<a href="#">Feryal Ozel</a>	2002	Associate Professor	University of Arizona	Neutron star interiors, reionization, supermassive black holes, magnetars, accretion physics, distances to X-ray sources	Kostrup Prize, Keck Fellow, Hubble Fellow

<a href="#">Tony Pan</a>	2013	Grad Student, Physics Dept.	Harvard University	Epoch of reionization, gamma-ray bursts	Paul & Daisy Soros Fellow Hertz Fellow NSF Fellow
Kaloyan Penev	2009	Postdoctoral Fellow	Smithsonian Astrophysical Observatory	Strong gravitational lensing	Peirce Fellow
<a href="#">Robert Penna</a>	2013	Postdoctoral Fellow	M.I.T.	Magnetized disks surrounding black holes	Keto Prize Pappalardo Fellow
<a href="#">Eliot Quataert</a>	1999	Professor, Director	Theoretical Astrophysics Center, UC Berkeley	Supermassive black holes, high-energy astrophysics, plasma astrophysics and galaxy formation, supernovae explosions, gamma-ray bursts, formation and evolutions of galaxies, dynamics of gas in starbursts, active galactic nuclei and galaxy clusters	Chandra Fellow, Alfred P. Sloan Fellow, Packard Fellow, Bart J. Bok Prize, Helen B. Warner Prize, APS Fellow, Noyce Prize
<a href="#">Brant Robertson</a>	2006	Assistant Professor	University of Arizona	Theoretical topics related to galaxy formation, dark matter, hydrodynamics and numerical simulation methodologies	Spitzer Fellow, KICP
Edward Schlafly	2012	Postdoctoral Fellow	Max Planck Institute for Astronomy, Heidelberg, Germany	Measuring the optical properties and distribution of dust with SDSS and Pan-STARRs	
<a href="#">Rebecca Shafee</a>	2008	Research Fellow in Genetics	Harvard Medical School	Measuring black hole spin	Van Vleck Prize, An Wang Fellow, ITC Keto Prize, Swartz Fellow
<a href="#">Roman Shcherbakov</a>	2011	Postdoctoral Fellow	University of Maryland	Plasma physics, the theory of Magnet Hydrodynamic turbulence, MHD models, plasma radiative transfer with application to accretion onto compact objects, ISM processes and galaxy clusters	Hubble Fellow
<a href="#">Tracy Slatyer</a>	2010	Assistant Professor	M.I.T.	Dark matter, high energy astrophysical phenomena, cosmology and extragalactic astrophysics	Sir Keith Murdoch Fellow, Goldhaber Prize
<a href="#">Nick Stone</a>	2013	Grad Student	Harvard University	Supermassive black holes	
<a href="#">Meng Su</a>	2012	Postdoctoral Fellow	MIT	Dark energy, gamma-ray bursts and diffuse Galactic gamma-ray emission	Einstein Fellow Pappalardo Fellow
Svetlin Tassev	2011	Postdoctoral Fellow	Harvard University	Accretion disks around black holes, dark matter	
<a href="#">Alexandre (Sasha) Tchekhovskoi</a>	2010	Postdoctoral Fellow	Princeton, Center for Theoretical Science	Compact objects, black hole accretion, relativistic magnetized outflows/jets, gamma ray bursts, active galactic nuclei, high-order numerical methods and neutron stars	Einstein Fellow, Philip Putnam Chase Fellow
<a href="#">Oliver Zahn</a>	2007	Postdoctoral Fellow	Lawrence Berkeley National Laboratory	Cosmic microwave background, large scale structure, gravitational lensing	