

**Gary Shiu**  
Short Curriculum Vitae

**Education**

Ph.D., Physics	Cornell University	1998
B.S. (First Class Honors), Physics	Chinese University of Hong Kong	1993

**Academic Positions**

Professor of Physics	University of Wisconsin-Madison	2010-
Chair Professor of Physics	Hong Kong U. of Science & Technology	2012-2014
Senior Fellow	Hong Kong Institute for Advanced Study	2012-2014
Director	Center for Fundamental Physics, HKUST	2013-2014
Associate Professor of Physics	University of Wisconsin-Madison	2006-2010
Assistant Professor of Physics	University of Wisconsin-Madison	2002-2006
Senior Research Associate	University of Pennsylvania	2000-2002
Postdoctoral Member	Yang Institute for Theoretical Physics	1998-2000

**Visiting Appointments**

Visiting Professor, Instituto de Física Teórica, Universidad Autonoma de Madrid, 2014  
van der Waals Distinguished Visiting Professor, University of Amsterdam, 2012, 2013  
Visiting Fellow, Isaac Newton Institute for Mathematical Sciences, Cambridge University, 2012  
Visiting Scientist, Simons Center for Geometry and Physics, Stony Brook University, 2012  
Visiting Professor, Hong Kong Institute for Advanced Study, 2009, 2011  
Member, Institute for Advanced Study, Princeton, Spring 2009  
Visiting Professor, Stanford University, Fall 2008  
Scientific Associate, CERN, 2008  
Visiting Member, Kavli Institute for Theoretical Physics, 2000, 2002, 2006, 2008, 2010, 2020  
Visiting Professor, KEK, Japan, 2007, 2008  
Visiting Professor, New High Energy Theory Center, Rutgers University, 2007  
Visiting Professor, Perimeter Institute for Theoretical Physics, 2005

**Selected Awards and Honors**

Kellett Mid-Career Award, University of Wisconsin	2016
Fellow, American Association for the Advancement of Science	2015
Johannes Diderik van der Waals Chair, University of Amsterdam	2012
Fellow, Institute of Physics, UK	2012
University of Wisconsin Chancellor's Distinguished Teaching Award	2012
Fellow, American Physical Society	2011
Ambrose Monell Foundation Fellow, Institute for Advanced Study	2009
John Simon Guggenheim Fellow	2008
Vilas Associate Award, University of Wisconsin	2008
Kavli Frontiers Fellow, National Academy of Sciences	2006
Cottrell Scholar Award	2005
NSF Career Award	2004
Research Innovation Award from Research Corporation	2003
Hsien Wu and Daisy Yen Wu Fellowship (from Cornell University)	1996

## Selected Service

- Inaugural Chair, Gordon Research Conference on String Theory and Cosmology, 2015
- Founding member, Joint Consortium for Fundamental Physics in Hong Kong; Liaised the first delegation of CERN's ATLAS collaboration & first APS delegation to Hong Kong in 2012.
- "Mathematical Physics" Cluster Coordinator, Cluster Hiring Initiative, UW-Madison, 2011 –
- Executive Member of the String Vacuum Project, 2009 –
- Member, NSF and DOE Review Panels (multiple years)
- Reviewer for NSERC John C. Polanyi Award
- College of Reviewers for the Canadian Research Chairs Program, NSERC
- External Reviewer for National Center for Theoretical Physics, Taiwan
- Overseas Expert Advisor, Chinese Academy of Sciences, 2018 –
- Conference organization (selected): LHC Olympics, CERN (2005); String Vacuum Project Meeting, KITP, Santa Barbara (2010); 10<sup>th</sup> International String Phenomenology Conference, Madison (Chair, 2011); Michigan Center for Theoretical Physics Workshop on "Hidden Sector Dark Matter" (2014); International Symposium on Cosmology and Ali CMB Polarization Telescope, Shanghai (2018), Beijing (2019); Microsoft Workshop on "Physics  $\cap$  ML" (2019); Kavli Institute for Theoretical Physics Program "The String Swampland and Quantum Gravity Constraints on Effective Theories", Santa Barbara (2020); Edwin Schrodinger Institute Thematic Program "The Landscape vs. the Swampland", Vienna (2021).
- Member of Scientific Advisory Committee, International String Phenomenology Conference (multiple years since 2004); Strings 2016, Beijing; Program Committee, SUSY 2020, Beijing; Convener for ICHEP (2012), SUSY (2003, 2012, 2015), PASCOS (2013, 2016).

## Publications

Author of 132 refereed journal articles, total citations over 10,000 (~3700 in the past 5 years), h-index ~ 56 (h-index in the past 5 years ~ 33). 5 most cited papers were each cited ~ 500 times.

Google Scholar: [https://scholar.google.com/citations?user=7\\_B0r5MAAAAJ&hl=en](https://scholar.google.com/citations?user=7_B0r5MAAAAJ&hl=en)

List of publications can be found at the INSPIRE database:

[https://inspirehep.net/search?ln=en&p=fin+ea+shiu%2C+gary&of=hb&action\\_search=Search&sf=earliestdate&so=d](https://inspirehep.net/search?ln=en&p=fin+ea+shiu%2C+gary&of=hb&action_search=Search&sf=earliestdate&so=d)

## Talks

Delivered numerous talks at both a general and a technical level worldwide (in 23 countries so far). In the past 5 years, presented 71 invited conference plenary talks, 9 advanced lecture series at international schools, 11 colloquia, 23 seminars, and 2 public lectures. *Recent named lectures* include van der Waals Lectures, Colloquium Ehrenfestii, and Zi-Ping Distinguished Lectures.

## Education and Outreach

- Supervised 5 PhDs, 27 postdocs: more than half now hold faculty positions.
- Chancellor's Distinguished Teaching Award (highest teaching honor at UW-Madison), 2012.
- Designed 3 new courses at UW: String Theory (2003), SUSY (2008), Cosmology (2018).
- Opt-ed articles for newspapers e.g. South China Morning Post, Hong Kong Economic Journal.
- Research or interviews featured in media worldwide including Scientific American, Science Magazine, Astronomy Magazine, Die Spiegel, Die Welt, Telepolis, Cosmos Magazine, New Scientist, Physics World, Wisconsin State Journal, Wisconsin Public TV, Mingpao, Singtao Daily, South China Morning Post, Skypost, Radio Television Hong Kong.