Sun-Yung Alice Chang

Curriculum Vitae

Birthplace: Ci-an, China.

Citizenship: U.S.A.

Educational History

B.S. National Taiwan University, 1970.

Ph.D. University of California, Berkeley, 1974. Thesis adviser: Donald Sarason.

Professional History

1974-1975 Assistant Professor, State University New York, Buffalo

1975-1977 Hedrick Assistant Professor, University of California, Los Angeles

1977, 1992, 2002 Visiting Member, Institute of Advanced Study, Princeton

1978-1980 Assistant Professor, University of Maryland

1981 Visiting Member, Mittag-Leffler Institute, Sweden

1980-1982 Associate Professor, University of California, Los Angeles

1982-2000 Professor, University of California, Los Angeles

1986, 2000 Visiting Member, ETH Zurich, Switzerland

1989-1991 Professor, University of California, Berkeley

1998- Professor, Princeton University

2008-2009 Distinguished Visiting Professor, Institute for Advanced Study, Princeton

2009-2012 Chair, Department of Mathematics, Princeton University

2010- Eugene Higgins Professor of Mathematics, Princeton University

2016 Simons Visiting Professor, MSRI, January-April, 2016

2027 Henry Burchard Fine Professor of Mathematics, January 16-June 30, 2027

Research Interest

Geometric Analysis, Conformal Geometry, Fully non-linear PDE.

Fellowships & Grants

- Sloan Foundation Fellowship, 1979-1981.
- Guggenheim Foundation Fellowship, 1999-2000.

Honors & Special Recognition

- International Congress of Mathematics, Invited talk, Berkeley, USA, 1986; Plenary talk, Beijing, China, 2002; ICM Emmy Noether Lecture, Rio, Brazil, 2018.
- Outstanding Women of Science Award, UCLA, 1989.
- Satter Prize, American Mathematical Society, 1995.
- AMS Colloquium Lecturer, Annual AMS meeting, Phoenix, 2004.
- Member, American Academy of Science, 2008-.
- Fellow, National Academy of Science, 2009-.
- Academician, Academia Sinica, Republic of China, 2012-.
- Doctor Honoris Causa, University Pierre and Marie Curie, November, 2013.
- Fellow, American Mathematical Society, 2015-.
- Outstanding Alumni Award, National Taiwan University, Taiwan. 2015.
- Fellow, American Women in Mathematics, 2019-.
- Foreign Member, Royal Swedish Academy Sciences, 2020-.

Ph.D. Students

1984 Kai-Ching Lin

1986 Chuck Moore

1986 Caroline Sweezy

1990 Tien-Lung Soong

1991 Matthew Gursky

1991 Kate Okikiolu

1993 Jie Qing

1997 Caitlin Wang

1999 Yin Bon Albert Ku

2002 Hao Fang

2004 María Del Mar González

2006 Sophie Szu-Yu Chen

2007 Edward Fan

2011 Yi Wang

2011 Jun Kitagawa

2014 Nick Reichert (jointly with Paul Yang)

2016 Ruobing Zhang

2019 Eric Chen

2019 Siyi Zhang

2023 Sanghoon Lee (jointly with Paul Yang)

Postdoctors Supervised since 2018

Jeffrey Case, Princeton University 2015-2018

Stephen McKeown, Princeton University 2017-19

Ruobing Zhang, Princeton University, 2019-

Eden Prywes, Princeton University, 2020-2023

Samuel Peres-Ayala, Princeton University 2021-

Ravi Shankar, Princeton University, 2021-

Hongyi Liu, Princeton University, 2023-

Xuan Yao, Princeton University, 2025

Committee Service (since 2018)

- Board member of Women and Mathematics, IAS and PU 2002-2021.
- AMS Steele Prize Selection Committee, 2001-2004, 2020-2023, chair, 2021-2022.
- NAS Class Membership Committee, 2011, 2020.
- Abel Prize Selection Committee, 2017-2019.
- Riemann Prize selection committee, RISM Institute, Italy, 2019-.
- AMS Committee on Committee, 2021-2023.
- Scientific board, Serrapilheira Institute, Brazilian Foundation 2020-2022.

- Scientific Advisory Board, Fields Institute, Canada, 2021-2025
- IMU Chern Prize Selection Committee, 2021.
- NAS Mirzakhani Prize Selection Committee 2021.
- USNC/M member, National Committee for Mathematics, 2019-2024
- AAAS membership Selection committee, 2023-2024.
- IAS Ad-Hoc Faculty Search Committee, 2023-2024.
- Academia Sinica (Taiwan, R.O.C) Director of Institute of Mathematics Selection committee, 2023-2024.
- Academic Advisory Committee, Institute of Mathematics, Academia Sinica (Taiwan, R.O.C), 2023–2025
- Shaw Prize Selection Committee, 2025-2026.