

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.

**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 Lecturers, 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  
2016 Ruobing Zhang  
2019 Eric Chen  
2019 Siyi Zhang

**Postdoctors Supervised since 2017**

Antonie Ache, Princeton University 2013-2017  
Jeffrey Case, Princeton University 2015-2018  
Stephen McKeown, Princeton University 2017-19  
Ruobing Zhang, Princeton University, 2019-  
Eden Prywes, Princeton University, 2020-  
Samuel Peres-Ayala, Princeton University 2021-  
Ravi Sankar, Princeton University, 2021-

**Committee Service (since 2017)**

- 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.
- Scientific Advisory Committee, Math Science institute Singapore, 2015-2018.
- 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, 2021-2023.
- IMU Chern Prize Selection Committee, 2021.
- NAS/ Mirzakhani Prize Selection Committee 2021.
- USNC/M, member, National Committee for Mathematics, 2019-2023.