Stanford



Tina Seelig

Executive Director, Knight-Hennessy Scholars

Bio

BIO

Dr. Tina Seelig is Executive Director of Knight-Hennessy Scholars at Stanford University - the largest endowed fellowship program in the world - which cultivates and supports a multidisciplinary and multicultural community of graduate students from across the university, and prepare graduates to address complex challenges facing the world. She is also Director Emerita of the Stanford Technology Ventures Program, where she served as executive director, faculty director, and professor of the practice in the Department of Management Science and Engineering (MS&E). She teaches courses on leadership, creativity, innovation, and entrepreneurship in MS&E and the Hasso Plattner Institute of Design (d.school) at Stanford.

Dr. Seelig earned a Ph.D. in Neuroscience from Stanford University School of Medicine where she studied neuroplasticity. She has worked as a management consultant for Booz, Allen, and Hamilton, as a multimedia producer at Compaq Computer Corporation, and was the founder of a multimedia company called BookBrowser.

Tina Seelig has written 17 books and educational games. Her newest books, published by HarperCollins, explore the process of bringing ideas to fruition. They include What I Wish I Knew When I Was 20 (2009/2019), inGenius: A Crash Course on Creativity (2012), and Creativity Rules (September 2017.) Her earlier books include The Epicurean Laboratory and Incredible Edible Science, which focus on the chemistry of cooking, published by Scientific American; and a dozen games for children, called "Games for Your Brain," published by Chronicle Books.

Tina Seelig has been widely honored for her work, including the Gordon Prize from the National Academy of Engineering, recognizing her as a national leader in engineering education; the SVForum Visionary Award; the National Olympus Innovation Award; the Richard W. Lyman Award, which recognizes one outstanding Stanford faculty member for extraordinary service to the Stanford Alumni Association programs; and the Global Consortium of Entrepreneurship Centers Legacy Award. Her work was also featured in a 10 part TV series in Japan, produced by NHK.

HONORS AND AWARDS

- Tau Beta Pi Award for Excellence in Undergraduate Teaching, Stanford School of Engineering (2005)
- National Olympus Innovation Award, Olympus and NCIIA (2008)
- Gordon Prize, National Academy of Engineering (2009)
- Management Science and Engineering Graduate Teaching Award, Stanford School of Engineering (2014)
- SVForum Visionary Award, SVForum (2014)
- Richard W. Lyman Award, Stanford Alumni Association (2018)
- Tau Beta Pi Teaching Honor Roll (2019), Tau Beta Pi (2019)

- Legacy Award, Global Consortium of Entrepreneurship Centers (2024)

Publications

PUBLICATIONS

- **Creativity Rules: Get Ideas Out of Your Head and Into the World**
  Seelig, T. L.
  HarperCollins.2017
- **inGenius: A Crash Course on Creativity (Harper Collins)**
  Seelig, T.
  2012
- **What I Wish I Knew When I Was 20 (Harper Collins)**
  Seelig, T.
  2006
- **BETA-2-ADRENERGIC RECEPTORS ON PERIPHERAL-NERVES** *JOURNAL OF NEUROCHEMISTRY*
  Schreurs, J., Seelig, T., Schulman, H.
  1986; 46 (1): 294-296
- **CYCLIC-AMP REDUCTION OF FREQUENCY FOLLOWING ABILITY IN PERIPHERAL AXONS** *BRAIN RESEARCH*
  SEELIG, T. L., Grossman, Y., Kendig, J. J.
  1983; 279 (1-2): 303-307
- **CYCLIC-NUCLEOTIDE MODULATION OF NA+ AND K+ CURRENTS IN THE ISOLATED NODE OF RANVIER** *BRAIN RESEARCH*
  SEELIG, T. L., Kendig, J. J.
  1982; 245 (1): 144-147