



## Tina Seelig

Executive Director, Knight-Hennessy Scholars

### Bio

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#### BIO

Dr. Tina Seelig is Executive Director of Knight-Hennessy Scholars at Stanford University, 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 Emeritus 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 creativity, innovation, and entrepreneurship in MS&E, Bioengineering, and the Hasso Plattner Institute of Design (d.school) at Stanford.

In 2014 Dr. Seelig was honored with the SVForum Visionary Award, and in 2009 she received the Gordon Prize from the National Academy of Engineering, recognizing her as a national leader in engineering education. She received the 2014 MS&E Award for Graduate Teaching, the 2008 National Olympus Innovation Award, and the 2005 Stanford Tau Beta Pi Award for Excellence in Undergraduate Teaching. In 2018, Dr Seelig received the Richard W. Lyman Award which recognizes one outstanding Stanford faculty member for extraordinary service to the alumni community and Stanford Alumni Association programs.

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.

She has written 17 books and educational games. Her 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. 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.)

#### 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)

## Publications

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### 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