



## David Kelley

Donald W. Whittier Professor of Mechanical Engineering

### CONTACT INFORMATION

- **Administrator**

Renee Chao - Administrative Associate

**Email** renee.chao@stanford.edu

**Tel** (650) 723-5436

### Bio

---

#### BIO

David Kelley's work is dedicated to helping people gain confidence in their creative abilities. He employs a project based methodology called Design Thinking within both the Product Design Program and the Hasso Plattner Institute of Design.

Design Thinking is based on building empathy for user needs, developing solutions with iterative prototyping, and inspiring ideas for the future through storytelling.

The Product Design program emphasizes the blending of engineering innovation, human values, and manufacturing concerns into a single curriculum. Kelley teaches engineering design methodology, the techniques of quick prototyping to prove feasibility, and design through understanding of user needs.

### ACADEMIC APPOINTMENTS

- Professor, Mechanical Engineering

### HONORS AND AWARDS

- Chrysler Design Award, Chrysler (2000)
- National Design Award, Smithsonian Cooper-Hewitt Museum (2001)
- Sir Misha Black Medal, Royal College of Art (2005)
- Edison Award, Edison Electric Institute (2009)

### BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Member, National Academy of Engineering (2000 - present)

### PROFESSIONAL EDUCATION

- MS, Stanford University , Product Design (1978)
- BS, Carnegie-Mellon University , Electrical Engineering (1973)

## LINKS

- [https://web.stanford.edu/group/dschool/people/team\\_david\\_kelley.html](https://web.stanford.edu/group/dschool/people/team_david_kelley.html): [https://web.stanford.edu/group/dschool/people/team\\_david\\_kelley.html](https://web.stanford.edu/group/dschool/people/team_david_kelley.html)

## Teaching

---

### COURSES

#### 2023-24

- Advanced Creative Studies: DESIGN 365 (Win)
- Introduction to Human Values in Design: DESIGN 121 (Aut)
- Judging Historical Significance Through the Automobile: DESIGN 238 (Spr)

#### 2022-23

- Advanced Creative Studies: DESIGN 365 (Aut, Win)
- Introduction to Human Values in Design: DESIGN 121, ME 115A (Aut)
- Judging Historical Significance Through the Automobile: DESIGN 238 (Spr)

#### 2021-22

- Design Impact Master's Project I: ME 316A (Aut)
- Introduction to Human Values in Design: ME 115A (Aut)

#### 2020-21

- Design Impact Master's Project I: ME 316A (Aut)
- Design Impact Master's Project II: ME 316B (Win)
- Design Impact Master's Project III: ME 316C (Spr)
- Introduction to Human Values in Design: ME 115A (Win)

### STANFORD ADVISEES

#### Master's Program Advisor

Jia Natalia Chen, Bryan Dang, Magnus Freyer, Hadil Habashneh, Peter Harkins, Bem Iordaah, Ahmad Mahmoud Shukri Abubaker, Yemariam Mamo, Yaayaa Pajibo, Natalie Rush, Maria Sanchez, Arianne Spaulding, L'Nard Tufts, Emma Wheel

## Publications

---

### PUBLICATIONS

- **Reclaim Your Creative Confidence** *HARVARD BUSINESS REVIEW*  
Kelley, T., Kelley, D.  
2012; 90 (12): 115-?