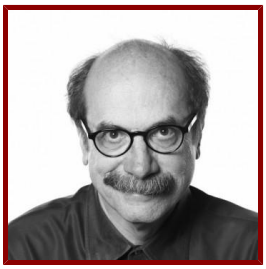
Stanford



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

Teaching

COURSES

2025-26

- Advanced Creative Studies: DESIGN 365 (Win)
- Introduction to Human Values in Design: DESIGN 121 (Aut, Spr)

2024-25

- Advanced Creative Studies: DESIGN 365 (Win)
- Introduction to Human Values in Design: DESIGN 121 (Aut)

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)

STANFORD ADVISEES

Undergraduate Major Advisor

Jenny Youm

Publications

PUBLICATIONS

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