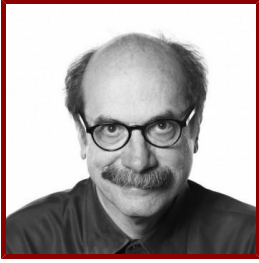


Stanford



David Kelley

Donald W. Whittier Professor in Mechanical Engineering

CONTACT INFORMATION

- **Administrator**

Renee Chao - Administrative Associate

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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

- http://www.stanford.edu/group/dschool/people/team_david_kelley.html: http://www.stanford.edu/group/dschool/people/team_david_kelley.html

Teaching

COURSES

2019-20

- Design Impact Master's Project I: ME 316A (Aut)
- Design Impact Master's Project III: ME 316C (Spr)
- Designing Moonshots: ME 35SI (Win)
- Introduction to Human Values in Design: ME 115A (Aut)

2018-19

- Communication in Design: ME 312 (Spr)
- Design Impact Master's Project III: ME 316C (Spr)
- Introduction to Human Values in Design: ME 115A (Aut)

2017-18

- Introduction to Human Values in Design: ME 115A (Aut)
- Leading Design Teams: ME 311 (Win)

2016-17

- Judging Historical Significance Through the Automobile: ME 200 (Spr)
- Product Design Master's Project: ME 316A (Aut)
- Product Design Master's Project: ME 316B (Win)
- Product Design Master's Project: ME 316C (Spr)

STANFORD ADVISEES

Master's Program Advisor

Aniea Essien, Sonia Garcia, Nicole Gonzalez, David Mondry, Andrea Shulman, Yan Yan

Publications

PUBLICATIONS

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