**Mission**

The mission of AI for Health is to develop unbiased, explainable AI algorithms to better understand health and wellness, to improve the efficiency, value and delivery of healthcare and to improve patient experience and outcomes.

**Team**

- **James Zou**, Biomedical Data Science: machine learning, bias, explainable AI, genomics and computational health, natural language processing
- **Russ Altman**, Bioengineering, Genetics and Medicine: informatics, drug interactions, drug discovery, natural language processing
- **Jure Leskovec**, Computer Science: machine learning, text mining, information networks, time series, recommendation systems, drug discovery, wellness
- **Christopher Re**, Computer Science: machine learning, unstructured and semi-structured data, genomics, drug repurposing
- **Daniel Rubin**, Biomedical Data Science and Radiology: quantitative imaging, natural language processing, artificial intelligence, integrated medical systems, personalized and precision medicine, decision support

**Philosophy**

Artificial Intelligence has had a large and demonstrated impact on efficiency and profitability for many industries, but its power is only just now being utilized in health applications. AI systems in health must be unbiased, explainable, efficient, domain-specific and accessible to patients, practitioners, researchers and business users. The research performed through the AI for Health Affiliates Program aims to address these challenges in human health by advancing domain-specific AI technologies in healthcare administration, healthcare delivery, wellness, and more.

**Topics**

AI for Health supports research on how AI algorithms and systems can advance:

1. Healthcare Administration
   a. Natural language translations and understanding of medical terminologies
   b. Recommendation systems for healthcare products and applications
   c. Improved healthcare operations
   d. Customer and patient satisfaction
2. Healthcare Delivery
   a. Healthcare predictions
   b. Clinician decision support systems
   c. Drug interactions, repurposing and discovery
3. Wellness
   a. Social and medical networks
   b. Understanding wearables
   c. Mining search data
   d. Patient sentiment analysis
# AI for Health

**Engagement**  
AI for Health encourages a high level of engagement from corporate members. Our corporate members provide insight on real-world use cases, valuable financial support for research, and a path to large-scale impact.

Corporate engagement includes the following elements:

- Opportunity to contribute to the definition of a flagship research project involving multiple faculty and students
- Opportunity to send a Visiting Scholar to Stanford, subject to satisfying university requirements
- Faculty visits to the member company
- Participation on the AI for Health Board of Advisors
- Invitations to retreats and workshops
- Research seminar announcements
- Hosted visits to Stanford
- Student recruitment opportunities

**Contribution**  
Founding Members contribute $300,000 per year with the expectation of at least three years of membership and receive all benefits including the opportunity to inspire the research agenda through flagship projects, participate in the leadership of the Program, and engage even more deeply with the faculty and students. AI for Health is a Stanford University industrial affiliates program and is subject to university policies for such programs including openness in research, publication and broad sharing of results, and faculty freedom to pursue research topics and methodology of their choice. Please see the [Stanford University Policies Affecting Industrial Affiliates Program Membership](#) for more details.

**IP**  
AI for Health researchers will use and develop open source software, and it is the intention of all AI for Health researchers that any software released will be released under an open source model, such as the BSD open source license. AI for Health is open to all Stanford faculty who share this goal.

**Information**  
For further information please contact Jason Lin, Executive Director, at [linjason@stanford.edu](mailto:linjason@stanford.edu).