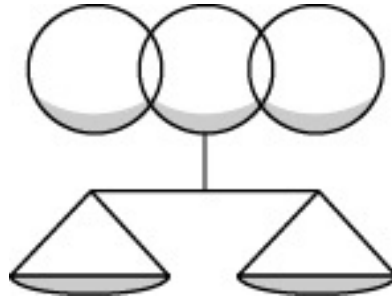


GRUTER INSTITUTE FOR  
LAW AND BEHAVIORAL RESEARCH



**Interdisciplinary Insights into  
Innovation and Growth:**  
From Systems Biology to Macroeconomics

Squaw Valley Conference

May 21-25, 2017

**Organizers:**

Monika Gruter Cheney, J.D.  
Gruter Institute for Law & Behavioral Research

Oliver Goodenough, J.D.  
Vermont Law School

Andrew Torrance, J.D., Ph.D.  
University of Kansas School of Law

**Co-Sponsors:**

Ann & Gordon Getty

**PlumpJack Squaw Valley Inn, Olympic Valley, California**

### **Interdisciplinary Insights into Innovation and Growth: from Systems Biology to Macroeconomics**

Over the past few years, one of the principle targets of examination at the annual Gruter Institute conference has been a multi-disciplinary discussion of questions of innovation and growth, whether in organisms, ecosystems, or human societies. This year, we are continuing those discussions, but with a particular lens on the systems level. Law, biology, and economics are all concerned with systems level effects and interactions. How do organisms set and maintain homeostasis? What leads a system to be more robust versus more fragile? How do groups manage conflict to work toward common goals? How is information created and communicated across systems? We believe examining these questions from a variety of disciplines, from systems biology, to anthropology to macroeconomics, will deepen our understanding of across the board. To this end, we welcome our conference participants, new and returning, to join us in discussing a wide variety of topics. Subjects initially thought to be outliers often turn out to be sources of intellectual inspiration and learning in this conference's architecture of unintended collisions.

Sunday, May 21st: Afternoon: Arrival

6:00 Reception and Dinner – Valley Room

Monday, May 22nd:

Morning Chair: Rebecca Purdom

7:30 Breakfast – Mountain Room

9:00-9:30 **Welcome and Introductions**  
Monika Gruter Cheney, Oliver Goodenough, Andrew Torrance

#### **Table Setting and Cool Developments**

9:30-10:45 **State of Play in Macroeconomics**  
Kevin McCabe, Brian Mannix, Amar Bhide

10:45-11:00 Break

11:00-11:20 **New Developments in Data Science**  
Dan Katz

11:20-12:15 **New Developments in Regulatory Theory**  
Susan Dudley, Gillian Hadfield

12:15-1:15 Lunch – Valley Room

Afternoon Chair: Andrew Torrance

1:15-2:15 **New Developments in Biology: Primatology**  
Isabel Behncke, Tamás David-Barrett

2:15-2:30 Break

2:30-3:30 **New Developments in Biology: Synthetic and Cancer Biology**  
Andrew Torrance, Amato Giaccia

3:30-4:00 **Design Thinking in Law, Regulation and Evolution**  
Margaret Hagan

4:00 Hikes

6:30 Dinner – Valley Room  
**Free Innovation** – Keynote Speaker, Eric von Hippel

Tuesday, May 23rd:

Morning Chair: Dorothy Glancy

- 7:30 Breakfast – Mountain Room
- 8:10-8:30 **Breakfast Talks**  
Dan Katz
- 8:30-9:00 **Innovation, Growth and Stability in Biology and Other Systems**  
Jonathan Chang
- 9:00- 11:00 **Homologies between Science and Macroeconomics: System Behavior**  
Pete Richerson, Bobbi Low, Carl Simon, Charles Taylor, Claire Hill, Gordon Getty
- 11:00-11:15 Break
- 11:15-12:30 **Regulatory Theory and Goals**  
Susan Dudley, Jennifer Taub, Oliver Goodenough
- 12:30-1:30 Lunch – Valley Room

Afternoon Chair: Susan Dudley

- 1:30-1:50 **Systemic Mechanisms in Biology and Culture**  
Pete Richerson
- 2:00-2:40 **Intellectual Property: Does it deliver on its goals? Is it outdated?**  
Dmitry Karshedt, Michele Bratcher Goodwin
- 2:40-3:00 Break
- 3:00-3:40 **Intellectual Property, Cont.**  
Andrew Torrance, Dorothy Glancy
- 3:40-4:00 **Power doesn't always corrupt: Sometimes leads to Innovation**  
Matthew Hutson
- 4:00 Hikes
- 6:30 Dinner – Valley Room (**Includes Contests of Festivity**)

Wednesday, May 24th:

Morning Chair: Monika Cheney

- 7:30 Breakfast – Mountain Room
- 8:30-10:15 **Ecosystems of Innovation**  
**What is the role of Individuals? Group size? Geography? Nations? Regions? Cities?**  
Panel: Eric von Hippel, Tamás David-Barrett, Andrew Torrance, Victor Hwang, Evan Absher, Monika Cheney
- 10:15-10:45 **Ecosystems of Innovation: Design Thinking for Creativity**  
Alex Soojung-Kim Pang
- 10:45-11:00 Break

Gruter Institute Squaw Valley Conference 2017 – *Interdisciplinary Insights into Innovation and Growth*

**11:00-12:00**      **Innovation as a Business**  
John Chisholm, Julian Bryant, David Gilmour

**12:00-1:00**      **Lunch – Valley Room**

Afternoon Chair: David Gilmour

**1:00-2:30**      **Computation, Game Theory, Behavior and Law**  
Alexander Stewart, Michael Wellman, Kevin McCabe, Harry Surden

**2:30-2:45**      Break

**2:45-3:45**      **Computation, Game Theory, Behavior and Law, Cont.**  
Meng Wong, Mark Flood and Dan Katz

**3:45-4:30**      **Developments in Law, Legal Education, and Legal Services**  
Jeff Stake, Rebecca Purdom

**6:30**              Dinner – Valley Room

Thursday, May 25th\*

Morning Chair: Oliver Goodenough

**7:30**              Breakfast – Mountain Room

**8:30-10:15**      **Biological Perspectives on the Role of Money: A Transmitter and Catalyst; Detachment from Savings; Free Growth?**  
Amar Bhide, Oliver Goodenough, Gordon Getty, Charles Taylor

**10:15-10:45**      **Future of Work and Leisure**  
Alex Soojung-Kim Pang, Isabel Behncke

**10:45-11:45**      **Wrap Up and Future Plans**

Box lunches available.

**Noon**              Departure

**CONFERENCE PARTICIPANTS**

**Evan Absher** – Program Officer, Ewing Marion Kauffman Foundation

**Isabel Behncke** – Cognitive and Evolutionary Anthropology, Oxford University

**Amar Bhide** – The Fletcher School, Tufts University

**Julian Bryant** – Startup Weekend Facilitator, iOS App Programmer

**Jonathan Chang** – Ph.D. Candidate, UCLA, Department of Biology and Evolutionary Sciences

**Monika Gruter Cheney** - Executive Director, Gruter Institute for Law and Behavioral Research

**John Chisholm** - Software Entrepreneur; Development Committee of MIT Corp.; Board Member Santa Fe Institute

**Tamás David-Barrett** - Department of Experimental Psychology, University of Oxford

**Susan Dudley** – Director, The George Washington University Regulatory Studies Center

**Mark Flood**- Research Principal, Office of Financial Research, U.S. Department of the Treasury;  
Senior Partner, ProBanker Simulations

**Gordon Getty** – Economics and Business, San Francisco

**Amato Giaccia** – Professor, Department of Radiation Oncology, Stanford University

**David Gilmour** - Managing Director, Blyth Capital Partners LLC

**Dorothy Glancy** – Professor, Santa Clara Law

**Oliver Goodenough** – Professor, Vermont Law School

**Michele Bratcher Goodwin** – Professor University of California, Irvine School of Law

**Gillian Hadfield** – Professor, USC Gould School of Law

**Margaret Hagan** – Professor, Stanford Center on the Legal Profession

**Claire Hill** - University of Minnesota Law School

**Matthew Hutson**- Author

**Victor Hwang** - , Ewing Marion Kauffman Foundation

**Dmitry Karshtedt** – Professor, The George Washington University School of Law

**Daniel Martin Katz** – Associate Professor, Illinois Institute of Technology, Chicago Kent College of Law

**Bobbi Low** - School of Natural Resources & Environment, University of Michigan

**Brian Mannix** – Visiting Scholar, The George Washington University Regulatory Studies Center

**Kevin McCabe** – Professor, Center for the Study of Neuroeconomics, George Mason University

**Gerry Ohrstrom**- Gruter Institute Board of Directors; Private Investor

**Alex Soojung-Kim Pang** - Author of *Rest: Why You Get More Done When You Work Less*

**Rebecca Purdom** – Fellow with Peripheral Vision International

**Pete Richerson** – Professor, Division of Environmental Studies, University of California at Davis

**Susan Salkind** – Stanford Law School, CodeX

**Carl Simon** - Mathematics, Economics, Public Policy, University of Michigan

**Jeffrey Stake** – Professor, Indiana University Maurer School of Law

**Alexander Stewart** - Royal Society University Research Fellow, Dept. of Genetics, Evolution and the Environment, University College London

**Harry Surden** – Professor, University of Colorado Law School

**Jennifer Taub**- Professor, Vermont Law School

**Charles Taylor** – Visiting Scholar, The George Washington University School of Law

**Andrew Torrance** – Professor, University of Kansas School of Law; Research Associate, Biodiversity Institute; Visiting Scholar in Behavioral and Policy Sciences, MIT Sloan School of Management

**Eric von Hippel** - Professor of Management of Innovation and Engineering Systems, MIT Sloan School of Management

**Michael Wellman** - Professor of Computer Science & Engineering at the University of Michigan

**Meng Wong** – 2016 Fellow at Harvard's Berkman Klein Center, 2017 Codex Fellow at Stanford, co-founder Legalese.com