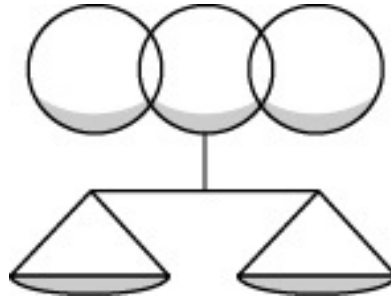


GRUTER INSTITUTE FOR
LAW AND BEHAVIORAL RESEARCH



**Understanding Innovation and Growth:
Cross-Disciplinary Analysis**

Squaw Valley Conference

May 25-29, 2015

Organizers:

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

Oliver Goodenough, J.D.
Vermont Law School
Berkman Center for Internet & Society, Harvard University

Co-Sponsors:

Ann & Gordon Getty

PlumpJack Squaw Valley Inn, Olympic Valley, California

Gruter Institute Squaw Valley Conference 2015 – *Understanding Innovation and Growth: Cross-Disciplinary Analysis*

Theme: The theme for this year's conference will be Understanding Innovation and Growth, with emphasis on cross-disciplinary analysis. Our focus will be analyzing innovation and growth in biological systems, economic systems, cultural systems, legal systems, as well as in technology. Sessions will include discussion of the structures that facilitate and hinder innovation and growth, such as legal/regulatory regimes, private and public institutional design, and network design. By bringing together a highly inter-disciplinary group of scholars and practitioners to explore the conditions and behaviors leading to innovation and growth across these complex systems, we believe we can best make progress at both the theoretical and applied level on the challenges we face in law, economics and institutional design.

Monday, May 25th:

Afternoon: Arrival

6:00 Reception and Dinner – Valley Room

Tuesday, May 26th:

Morning Chair: Monika Cheney

7:30 Breakfast – Mountain Room

8:30-9:00 Welcome and Introductions

9:00-10:30 **Perspectives on Growth**
Table Setter - Monika Cheney
Growth In Biology - Aaron Straight, Pete Richerson

10:30-10:45 Break

10:45-12:30 **Ecosystems for Economic Growth: Real and Virtual Locations, Institutions, Networks, and Culture**
Zachary Caceres, Amedeo Santosuosso, Rebecca Purdom

12:30-1:30 Lunch – Valley Room

Afternoon Chair: Lydia Hopper

1:30-2:00 **Ecosystems for Growth (Continued)**
Carrie Kerekes, Diego Aycinena Abascal

2:00-2:30 **Costs of Growth**
Oliver Goodenough, Gordon Getty

2:30-3:00 **Does Distribution Matter for Growth?**
Survey Talk: Kevin McCabe

3:00-3:15 Break

3:15-4:30 **Review of Recent Developments in Analysis of Economic Growth:** Brian Mannix
Discussion: Lynn Stout, Mark Flood

6:30 Dinner – Valley Room
Keynote Speaker – Isabel Behncke

Wednesday, May 27th:

Morning Chair: Andrew Torrance

7:30 Breakfast – Mountain Room

8:30-10:15 **New Frontiers on Perennial Questions: Game Theory, Biology and Neuroscience: Tell Us What's New**
Beau Lotto, Erez Yoeli, Mike Alfaro, Joon Yun, Bill Casebeer, Lindsie McCabe

10:15-10:30 Break

10:30-12:00 **Innovation Theory and Practice**
Primateology: Lydia Hopper
Creativity: Rex Jung

Networks: Jevin West
Innovation and Entrepreneurship: Wendy Torrance

12:00-1:00 Lunch – Valley Room

Afternoon Chair: William Casebeer

1:00-1:30 Innovation Theory and Practice (Continued)

Business: Richard Webb
Comment: Jordon Bell-Masterson

1:30- 2:15 Legal and Business Innovation: Perspectives From...

New Ecosystems: Synthetic Biology and Commercial Cannabis: Andrew Torrance, Sean O'Connor

2:15 - 2:30 Break

2:30- 4:00 IP Law: Kelly Jo MacArthur
Banking and Finance: Hilary Allen
Artificial Intelligence: Dorothy Glancy
Healthcare: Fred Dotzler

6:30 Dinner – Valley Room - *Includes Contests of Festivity*

Thursday, May 28th:

Morning Chair: Dorothy Glancy

7:30 Breakfast – Mountain Room

8:30-10:30 Legal and Business Innovation (Continued)

Regulation: Susan Dudley
Education: Rebecca Purdom
Contracting and Business Organizations: Joshua Fairfield, Lynn Stout
Delivery of Consumer Legal Services: Renee Knake
Courts: Morris Hoffman, Amedeo Santosuosso

10:30-10:45 Break

10:45-12:30 New Tools for Analysis and Application: Tell Us What's New

Design: Margaret Hagen
Computation: Mark Flood, Oliver Goodenough
Complex Systems: Sam Arbesman, Reese Jones

12:30-1:30 Lunch

Afternoon Chair: Kelly Jo MacArthur

1:30-4:00 Ecosystems for Innovation and Growth: What Insights have we gained and what would we like to study further? (Participants perspectives from Gruter Institute Innovation and Growth Project)

Process to Date: Monika Cheney, Susan Dudley, Julian Morris
Participant Perspectives: Isabel Behncke, John Chisholm, Oliver Goodenough, Lydia Hopper, Kevin McCabe, Brian Mannix, Aaron Straight, Andrew Torrance

6:30 Dinner – Valley Room

Friday, May 29th:

Morning Chair: Oliver Goodenough

7:30 Breakfast – PlumpJack Bar/Main Restaurant

8:30 – 10:00 Wrap Up Forum

Presentation of specific action items ; Presentation of new projects; Planning for the next year

10:00 Departure - Boxed lunch available

Gruter Institute Squaw Valley Conference 2015 - *Understanding Innovation and Growth: Cross-Disciplinary Analysis*

CONFERENCE PARTICIPANTS

Michael Alfaro – Professor, UCLA, Department of Biology and Evolutionary Sciences

Hilary Allen – Professor, Suffolk University Law School

Sam Arbesman – Fellow, Silicon Flatirons Center for Law, Technology, and Entrepreneurship at the University of Colorado

Diego Aycinena Abascal – Director, Centro Vernon Smith de Economía Experimental, Universidad Francisco Marroquín

Isabel Behncke – Cognitive and Evolutionary Anthropology, Oxford University

Jordan Bell-Masterson, Analyst in Research and Policy, Ewing Marion Kauffman Foundation

Zachary Caceres - Start Up Cities Institute

William Casebeer - Research Area Manager, Human Systems Optimization, Lockheed Martin

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

Fred Dotzler – Co-founder, De Novo Venture Capital

Susan Dudley – Director, George Washington University Regulatory Studies Center

Jesse Ebner – Student, Yale University

Joshua A.T. Fairfield – Professor, Washington & Lee School of Law

Mark Flood – Research Principal, Office of Financial Research, U.S. Treasury

Gordon Getty – Economics and Business, San Francisco

Dorothy Glancy – Professor, Santa Clara Law

Oliver Goodenough – Professor, Vermont Law School, CodeX Center for Legal Informatics, Stanford University

Margaret Hagan – Professor, Stanford Center on the Legal Profession

Morris Hoffman - 2nd Judicial District Court Judge, State of Colorado

Lydia Hopper – Assistant Director, Lester E Fisher Center for the Study & Conservation of Apes, Lincoln Park Zoo, Chicago

Reese Jones – Trustee, Singularity University

Rex Jung – Professor, Department of Neuropsychology, University of New Mexico

Carrie Kerekes - Professor, Florida Gulf Coast University, School of Business

Renee Knake – Professor, Michigan State University College of Law

Beau Lotto – Director, Lottolab, University College London

Kelly Jo MacArthur – Vice President, IP Acquisitions and Investments, Amazon.com

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

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

Lindsie McCabe –Ph.D candidate, Dept. of Biology, Merriam Powell Center for Environmental Research, Northern Arizona University

Julian Morris –Vice President of Research, Reason Foundation

Sean O'Connor – Professor, University of Washington School of Law

Gerry Ohrstrom – Gruter Institute Board of Directors; Private Investor

Rebecca Purdom – Professor, Vermont Law School

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

Amedeo Santosuosso – President of Chamber, Court of Appeal of Milan; Professor of Law, Science and New Technologies at the University of Pavia, Department of Law

Lynn Stout – Professor, Cornell Law School

Aaron Straight – Professor, Department of Biochemistry and Member of BioX, Stanford University

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

Wendy Torrance - Director of Entrepreneurship, Kauffman Foundation

Richard Webb - StepOut; Centre for Philosophy of Natural & Social Science, London School of Economics

Jevin West – Professor, Department of Biology, University of Washington

Erez Yoeli – Program for Evolutionary Dynamics, Harvard University

Joon Yun – Managing Partner, Palo Alto Investors