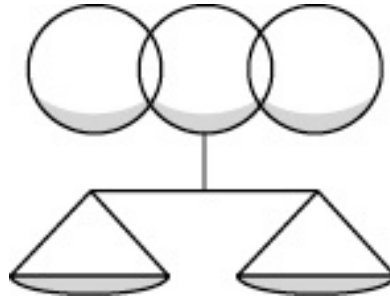


GRUTER INSTITUTE FOR
LAW AND BEHAVIORAL RESEARCH



**Innovation and Growth:
Biological, Economic,
Institutional and Technological**

Squaw Valley Conference

May 19-24, 2013

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

Gruter Institute for Law & Behavioral Research

PlumpJack Squaw Valley Inn, Olympic Valley, California

Theme: The theme for this year's conference will be Innovation and Growth: Biological, Economic, Institutional and Technological. Our focus will be on using the many tools of behavioral science to help better understand innovation and growth, in biological systems, economic systems, and legal systems, as well as in technology. By bringing together a highly inter-disciplinary group of scholars and practitioners to explore the conditions and behaviors leading to innovation and growth in each of these 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.

Sunday, May 19th:

Morning and Afternoon: Arrival

6:00 Reception and Dinner – Valley Room

Monday, May 20th:

Session Chair: Oliver Goodenough

7:30 Breakfast – Mountain Room

8:30 – 8:45 Welcome, Introductory Talk: *The topic challenge and the interdisciplinary method*
Monika Gruter Cheney and Oliver Goodenough

8:45 – 12:30 What is Innovation?

8:45 – 9:15 Geoffrey Miller: *The Behaviors that Drive Innovation and its Consumption*

9:15 – 9:45 Sam Arbesman: *A Promoter's View*

9:45 – 12:30 *Biology, Economics, Technology, Information & Institutions*

9:45 – 10:30 Marshall Van Alstyne, John Chisholm, Bill Casebeer

10:30 – 10:45 Break

10:45 – 12:00 Reese Jones, Erin O'Hara, Andrew Torrance, Paul Zak

12:00 – 12:30 Discussion

12:30 - 1:30 Lunch – Valley Room

Session Chair: June Carbone

1:30 – 4:45 What is Growth?

1:30 – 1:45 Gordon Getty: *Perspectives on the Use of Biological Analysis in Economics*
Biology, Economics, Information, Energy, Money, Population, etc.

1:45 – 4:15 Carl Bergstrom, Sarah Brosnan, Julian Morris, Kevin McCabe, Alex Peysakhovich

4:15 – 4:45 Comment and Discussion – John Tierney

4:45 - 6:30 Hikes, Other Informal Interaction

6:30 Dinner - Valley Room

Tuesday, May 21st:

Session Chair: Andrew Torrance

7:30 Breakfast – Mountain Room

8:30 - 12:00 Innovation and Institutions

8:30 - 9:00 *Innovation in Institutions*
Kevin McCabe

9:00 - 10:15 *Institutions as Facilitators*
Dan Katz, Erin O'Hara, Alex Peysakhovich, Jennifer Drobac, Jevin West

10:15 - 10:30 Break

10:30 - 12:00 *The Role of Regulation*
Marshall Van Alstyne, Susan Dudley, Renee Knake, John Chisholm

12:00 - 1:00 Lunch – Valley Room

Session Chair: Erin O'Hara

1:00 – 2:00 Accounting for Growth

1:00 – 1:30 *Costs, Benefits, Getty approach*
Jean Paul Rabanal and Gordon Getty

1:30 – 2:00 Comments: John Chisholm, Gerry Ohrstrom

2:00 – 2:15 Break

2:15 – 3:30 Acceleration and Sustainability Challenges for Growth

2:15 – 3:15 *Rate of Growth and Limits on Growth?*
Julian Morris, Oliver Goodenough, Rebecca Purdom

3:15 – 4:00 *Innovation in Business and Finance*
Brian Mannix, David Gilmour

4:00 – 4:30 Comments: Oliver Goodenough, Claire Hill, Fred Dotzler, Kevin McCabe

4:30 - 6:30 Hikes, Other Informal Interaction

6:30 Dinner – Valley Room
Speaker – John Tierney

Wednesday, May 22nd:

Session Chair: Monika Cheney

7:30 Breakfast – Mountain Room

8:00 – 8:45 Breakfast Forum

Session for 15 minute updates on Current Research and Writing not in the set program. Schedule to be set based on participant interest.

8:45 – 12:00 Innovation and Implementation

- 8:45 – 10:15 *Psychology and Neuroscience of Innovation*
Geoff Miller, Kevin McCabe, Sam Arbesman, Sarah Brosnan, Jim Chen
- 10:15 – 11:00 *Social Factors and Innovation*
June Carbone, Renee Knake, Jennifer Kubota
- 11:00 – 11:15 Break
- 11:15 – 12:30 *The Role of Intellectual Property*
Andrew Torrance, Ted Sichelman, Harry Surden, Jerome Hergueux, Eskil Ullberg
- 12:30 - 1:30 Lunch – Valley Room

Session Chair: John Chisholm

1:30 - 5:00 Innovation and Implementation

- 1:30 - 3:00 *Tech, Business, Making it Happen*
Bill Casebeer, Fred Dotzler, David Gilmour, Anula Jayasuriya, Kevin Colangelo
- 3:00 – 3:15 Break
- 3:15 – 4:00 *Innovation & Growth Theory: How we got here and looking ahead*
Gordon Getty, Oliver Goodenough, Gerry Ohrstrom
- 4:00 - 6:30 Hikes, Other Informal Interaction
- 6:30 Dinner – Valley Room (Includes Contests of Festivity)

Thursday, May 23rd:

Session Chair: David Gilmour

7:30 Breakfast – Mountain Room

8:00 – 9:00 Breakfast Forum

Session for 15 minute updates on Current Research and Writing not in the set program. Schedule to be set based on participant interest.

9:00 - 12:00 Innovation

- 9:00 - 10:00 *Innovation in Science*
Gregg Gordon, Anula Jayasuriya, Jevin West, Paul Zak
- 10:00 - 11:15 *Innovation in Law*
Harry Surden, June Carbone, Kevin Colangelo, Dan Katz, Dorothy Glancy
- 11:15 – 11:30 Break
- 11:30 – 12:30 *Innovation in Government*
Bill Casebeer, Susan Dudley, Ted Sichelman
- 12:30 - 1:30 Lunch – Valley Room

Gruter Institute Squaw Valley Conference 2013: *Innovation and Growth: Biological, Economic, Institutional and Technological*

Session Chair: Sarah Brosnan

1:30 - 4:00 Innovation

1:30 - 3:30 *Innovation in Education*

Reese Jones, Rebecca Purdom, Jim Chen, Jennifer Drobac, Monika Cheney

3:30 - 4:00 Open Discussion

4:00 - 6:30 Hikes, Other Informal Interaction

6:30 Dinner – Valley Room

Friday, May 24th:

Session Chairs: Monika Cheney and Oliver Goodenough

***Location** – breakfast will be served in the hotel bar area. Discussions to be held in the adjoining café area.

9:00 - 11:30 Policy and Implementation Workshop/Roundtable

Creating, presenting, and critiquing calls for reform, possible 'products', further research, and other action steps

11:30 - 12:00 Conference Wrap up and Critique

12:00 Box Lunch and Departure

Gruter Institute Squaw Valley Conference 2013: *Innovation and Growth: Biological, Economic, Institutional and Technological*

Conference Participants

Sam Arbesman – Ewing Marion Kauffman Foundation

Carl Bergstrom - Department of Biology, University of Washington

Sarah Brosnan – Department of Psychology, Georgia State University

June Carbone – University of Missouri Kansas City School of Law; (as of 6/28/13) University of Minnesota Law School

William Casebeer - USAF, Retired; Program Manager, DARPA/DSO

James Ming Chen – Michigan State University College of Law

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

Kevin Colangelo – Managing Partner, Yuson & Irvine

Fred Dotzler – Co-founder, De Novo Venture Capital

Jennifer Drobac - Indiana University Robert H. McKinney School of Law

Susan Dudley – George Washington University Regulatory Studies Center

Jeanne Eicks – Vermont Law School Center for Legal Innovation

Gordon Getty – Economics and Business, San Francisco

David Gilmour – Managing Director, Blyth Capital Partners

Dorothy Glancy – Santa Clara Law

Oliver Goodenough - Vermont Law School, Berkman Center for Internet and Society, Harvard University

Gregg Gordon – Social Science Research Network, President and CEO

Jerome Hergueux – Fellow, Berkman Center for Internet and Society, Harvard University

Claire Hill - University of Minnesota Law School

Anula Jayasuriya – Managing Director, Evolve India Life Science Fund

Reese Jones – Singularity University

Daniel Martin Katz – Michigan State University College of Law

Renee Knake – Michigan State University College of Law

Jennifer Kubota – Post Doctoral Fellow, Department of Psychology, New York University

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

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

Geoffrey Miller – Visiting Professor, NYU Stern School of Business; Department of Psychology, University of New Mexico

Julian Morris – Vice President of Research, Reason Foundation

Erin O'Hara – Vanderbilt University School of Law

Gerry Ohrstrom – Private Investor

Alex Peysakhovich – Harvard Program for Evolutionary Dynamics

Rebecca Purdom – Vermont Law School

Jean Paul Rabanal - Economics Department, Leavey School of Business, University of Santa Clara

Ted Sichelman – University of San Diego School of Law

Harry Surden – University of Colorado Law School

John Tierney – Author, Journalist

Andrew Torrance - University of Kansas School of Law; Research Associate, Biodiversity Institute

Eskil Ullberg – George Mason University, Department of Economics

Marshall Van Alstyne – Department of Management Information Systems, Boston University and MIT

Jevin West – Department of Biology, University of Washington

Paul J. Zak – Center for Neuroeconomics Studies, Claremont Graduate University; Department of Neurobiology, Loma Linda University