



# Silicon Flatirons

A Center for Law, Technology, and  
Entrepreneurship at the University of Colorado



**2009**  
**ANNUAL REPORT**



This past year was marked by a number of transitions and continuing growth for the program. The election of Barack Obama led both Phil Weiser and I to take roles in the Presidential Transition Team (Phil overseeing the FTC transition and I working on the FCC Transition Team). For Phil, this stint presaged a temporary move to Washington, D.C. to re-join the Justice Department as a Deputy Assistant Attorney General for Antitrust. For me, Phil's leave of absence brought me back to CU, taking over as Executive Director at Silicon Flatirons.

The Silicon Flatirons Center (SFC) began 2009 with a focus on an issue near and dear to my heart: the reform of how the FCC operates. The conference held in Washington in January was well attended, covered by C-SPAN, and helped to spearhead a focus on an issue taken up by FCC Chairman Julius Genachowski. Following on the heels of that conference, SFC had an event focused on Antitrust Law for the New Administration and our flagship conference focused on The Digital Broadband Migration: Imagining the Internet's Future. In both events, a number of thoughtful leaders from government, academia, and industry wrestled with issues now being addressed in Washington, D.C.

The announcement in April that Phil Weiser would be moving on to a position in Washington and that I would be filling in for him during his leave of absence was a move made with great ambivalence all around. The Silicon Flatirons community was sorry to see Phil go while welcoming the Obama administration's choice of a thoughtful scholar as public servant, I shared those sentiments and had not planned on postponing my retirement for an offer I could not refuse, and I know that Phil viewed going to Washington as both an opportunity and a challenge. All of these feelings were well expressed at the Passing of the Baton ceremony we held in June. With tremendous support, Silicon Flatirons has continued to grow and we are even taking on new frontiers.

The growth of Silicon Flatirons reflects both the energy and impetus of our three principal initiatives—telecommunications policy, information and intellectual property policy, and entrepreneurship. Our fall events focused on Telecommunications Regulation in Comparative Perspective and The Rise of Broadband Video and the Future of Digital Media. The latter included a keynote address by FCC Commissioner Meredith Attwell-Baker. Paul Ohm and Brad Bernthal have both continued to build up our programming in a most impressive fashion. This year, for example, Paul held two notable events, Evaluating Software Patents and Reforming Internet Privacy Law. And last spring, Brad kicked off the first ever Entrepreneurship Week at CU and the first annual Mile High Tech Entrepreneurship Conference and he will be repeating this feat this spring. To support Paul and Brad respectively, we engaged two great resident fellows over the last year, Paul Shoning, a recent grad who focused mostly on entrepreneurship, and Wendy Seltzer, who is focused principally on intellectual property matters. Finally, and very significantly, Anna Noschese continues to anchor all of our work as our Program Director and has brought on a Program Administrator, Jamie Stewart, who is the newest member of the Silicon Flatirons family.

In terms of our Adjunct Fellows, I am personally very gratified by all of their contributions to our important work. Ray Gifford has taken on numerous roles at SFC, spearheading our Institute of Regulatory Law and Economics (IRLE) program and hosting numerous events. Pierre de Vries has set a high bar for intellectual engagement, culminating in his stellar work capturing our summit on interchannel interference—an often misunderstood aspect of spectrum policy. Jonathan Sallet has helped in innumerable ways, developing ideas for events, moderating panels, and making the case for innovation clusters, which is a topic I know we will explore in future SFC conferences. Tom Lookabaugh played a key role in a series of roundtables which produced a valuable report on Higher Education and Entrepreneurship in Colorado. Bryan Tramont continues to devote himself to our success, raising donations for the Hatfield Scholars and Research Fund and volunteering to teach every summer. Mark Cooper is a guiding light, whose passion and perspective animate many of our important conferences and summits, including our recent one on Smart Grid. Gigi Sohn is a terrific booster and partner, making possible our FCC Reform effort launched early in 2009. Dick Green, who recently retired from CableLabs, is a huge asset to our research team and was recently a panelist at our October conference. Finally, we announced our newest Fellow, Preston Padden, who won't officially join us until 2011, but whose wit and wisdom have long been a part of our Digital Broadband Migration conferences.

I very much appreciate all of the support that so many have provided to both the program and me as I step into Phil's shoes as Executive Director. I welcome and encourage all of those within our community to pass along their suggestions and interest in being more involved.

Cheers,

Dale N. Hatfield

### Mission

Elevating the Debate on Technology Policy.....4-5

Catalyzing Entrepreneurship in the Colorado Technology Community.....6-7

Inspiring Student Interest in Technology Law.....8-9

### Output

Academic and Research.....10

2009 Calendar of Events.....11

### People

Affiliated Faculty and Fellows.....12-13

Silicon Flatirons Advisory Board.....14

Supporters.....15

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The Silicon Flatirons Center began 2009 with a focus on the reform of how the FCC operates. The conference held in Washington in January was well attended, covered by C-SPAN, and helped to spearhead a focus on an issue taken up by FCC Chairman Julius Genachowski. Following on the heels of that event, our series of conferences, roundtables, and summits included a number of thoughtful leaders from government, academia, and industry that wrestled with issues now being addressed in Washington, D.C.

**Conferences**

**Reforming the Federal Communications Commission**

January 5, 2009 in Washington, D.C.  
**Keynote Speakers:** Michael Copps, FCC Commissioner; Reed Hundt, Senior Advisor, McKinsey; Former FCC Chairman, Bill Kennard, Managing Director, Carlyle Group; Former FCC, Chairman

**Antitrust Law for the New Administration**

January 26, 2009 in Boulder, CO  
**Keynote Speaker:** Jon Leibowitz, Commissioner, Federal Trade Commission

**The Digital Broadband Migration: Imagining the Internet's Future**

February 8-9, 2009 in Boulder, CO  
**Keynote Speakers:** William Kovacic, Chairman, Federal Trade Commission; Richard Lynch, CTO, Verizon Communications; Irwin Jacobs, Founder and Chairman of the Board, Qualcomm

**Evaluating Software Patents**

March 19, 2009 in Boulder, CO

**Colorado Broadband Technical Conference**

April 1, 2009 in Denver, CO

*A full list of conference agendas and panelists can be found on our website.*

**Putting the Entrepreneurial Ecosystem in Perspective**

April 16, 2009 in Boulder, CO  
**Keynote Speakers:** Bill Ritter, Governor, State of Colorado; AnnaLee Saxenian, Dean, School of Information, University of California at Berkeley

**Telecommunications Regulation in Comparative Perspective**

September 9, 2009 in Boulder, CO  
**Keynote Speaker:** William Webb, Ofcom

**The Rise of Broadband Video and the Future of Digital Media**

October 12, 2009 in Denver, CO  
**Keynote Speakers:** Meredith Attwell Baker, Commissioner, Federal Communications Commission; Mitch Berman, Chief Executive Officer and Co-Founder, ZillionTV Corporation; Gregory Maffei, President and CEO, Liberty Media Corporation

**Reforming Internet Privacy Law**

December 4, 2009 in Boulder, CO



Digital Broadband Migration Conference



Meredith Attwell Baker and Dale Hatfield



Broadband Video Conference

**Roundtables**

Silicon Flatirons would like to thank Brad Feld for a generous contribution to underwrite the Roundtable Series on Entrepreneurship, Innovation, and Public Policy.

**The Social, Ethical, and Legal Implications of Social Networking**

January 22, 2009 in Boulder, CO

**Open Standards, Open Innovation, and the Rollout of IMS**

February 6, 2009 in Boulder, CO

**Patents, Standards, and Innovation: How Should Standard Setting Bodies View Patent Rights?**

March 20, 2009 in Boulder, CO

**The End of Scarcity, Open Architecture, and The Future of Broadband Competition Policy**

May 5, 2009 in Washington D.C.

**Transparency Works Both Ways: How Government 3.0 Technologies Can Reshape Democracy**

June 5, 2009 in Boulder, CO

**Entrepreneurship and Higher Education**

June 24, 2009 in Denver, CO

**Innovation and Alternative Energy with Special Guest Ted Turner**

November 13, 2009 in Boulder, CO

**Google, ISPs, and Other Online Intermediaries: Power, Responsibility, and Regulation**

November 19, 2009 in Denver, CO

**Summits**

**Toward An Effective Vision of Smart Grid Policy**

June 15-16, 2009 in Boulder, CO

**Radio Regulation: Defining Inter-Channel Operating Rules**

September 8-9, 2009 in Boulder, CO

**Policymaker Series**

**"Digital Copyright and Innovation Online: A Little Dose of Optimism," a Public Lecture by Fred von Lohmann of the Electronic Frontier Foundation**

October 13, 2009 in Boulder, CO

**The Role of Broadband in Public Safety and Homeland Security Communications with Guest Speaker, Rear Admiral (ret.) James Arden Barnett, Jr., Chief of the Public Safety and Homeland Security Bureau, Federal Communication Commission**

December 9, 2009 in Boulder, CO

**Workshops**

**Institute for Regulatory Law & Economics**

May 15-20, 2009 in Aspen, CO

**New Institutional Economics**

June 4-5, 2009 in Boulder, CO



Antitrust Conference



Telecommunications Regulation Conference



**S**ync Up: this is a core mission of Silicon Flatirons Center's Entrepreneurship Initiative. Success is making CU-Boulder more of an Entrepreneurial University that connects the resources of a world class research institution with the Front Range entrepreneurial community oriented around Information Communications Technology – the Mile High Tech scene.

The Entrepreneurship Initiative is about impact, inspiration, and insight. Three basic goals guide Silicon Flatirons Center's Entrepreneurship Initiative: training dealmakers; serving as a nerve center for the Mile High Tech community; and elevating the debate around entrepreneurship and innovation policy architecture.

The Entrepreneurs Unplugged Series provides aspiring entrepreneurs with examples of different career paths that have led to successful entrepreneurial ventures. Moreover, each program offers an opportunity for students, faculty, and community members to establish meaningful networks, thereby helping to galvanize entrepreneurship at the University and in the community. Silicon Flatirons would like to thank Jason Mendelson for a generous contribution to underwrite this series.

**Sue Kunz**, Founder, *Solidware Technologies, Inc.*  
February 18, 2009

**Andrew McFarlane**, Chairman and CPO, *Buzzwire*  
March 18, 2009

**Glenn Jones**, Founder and Former CEO, *Jones Intercable*  
April 15, 2009

**Sam Zell**, Co-Founder and Chairman of Equity Group Investments  
April 22, 2009

**Niel Robertson**, Founder and CTO, *Service Metrics*  
September 28, 2009

**David Cohen**, Executive Director, *TechStars*  
October 19, 2009

**Steve Halstedt**, Co-Founder, *Centennial Ventures*  
November 2, 2009

**Nir Barkat**, Mayor, *City of Jerusalem*  
November 4, 2009

**Ted Turner**, Chairman, *Turner Enterprises, Inc.*  
November 13, 2009

**Tim Enwall**, President and Chief Operating Officer, *Tendrill*  
December 7, 2009



Brad Bernthal, Glenn Jones, Phil Weiser



Brad Bernthal, Mayor Nir Barkat, Robert Reich



David Getches, Ted Turner, Brad Bernthal

## Tech Meetups

Monthly New Tech Meetups, hosted by Robert Reich, founder of OneRiot, attract over 300 people to CU Law School. During meetings, emerging businesses lead show-and-tell demonstrations of their new technology. With over 1500 members and counting, the Boulder/Denver New Tech Meetups serve as a nerve center for area start-ups, attorneys, business professionals, investors, and others in the Front Range entrepreneurial community.

## Fall Challenge

The ITP Fall Challenge is co-sponsored by Silicon Flatirons and conducted by the Interdisciplinary Telecommunications Program. The competition took place on December 5, 2009 during which student competitors presented a case on the topic of Net Neutrality before a panel of faculty and telecommunications industry judges. Ten teams comprised of ITP students entered the competition. The winning teams were:

**1st Place:** *Team Net Rangers*  
Vaseem Kazia, Nandini Kembyranna Shankarappa and Shruti Reddy

**2nd Place:** *Team Vantage Tech*  
Oluwatobi Adesdanoye, Suppapol Jaroonvanichkul and Uzoma Obowu

**3rd Place:** *Team Next Gen Consultancy Services*  
Purva Adke, Chandan Bhagat, Kedar Raje and Rohit Shetye

This event was made possible by the generous contributions of Deloitte; Intrado; Level 3 Communications; and Perficient. We are grateful for your support and participation.

## CU New Venture Challenge

In conjunction with several academic centers and departments on campus (the Deming Center for Entrepreneurship, the E-Ship Program at the College of Engineering, ATLAS, ITP and TTO), we have launched a campus-wide business plan competition comprised of workshops, team building events, a pitch day and a final competition. The annual competition provides hands-on experience for developing a plan for a successful venture and will help further our goal of fostering viable start-ups to emerge from the university and surrounding community.

### 2009 CU NVC Winners:

**First Prize:** Knova Learning

**Second Prize:** 3QMatrix

**Third Prize:** Fetcht

**Computer Science Award:**  
TechoShark, Inc.

**Honorable Mention:** Ap.igy

**Most Innovative Award:**  
Conifer Quantum Technology, LLC



Brad Feld and Phil Weiser

## Entrepreneurial Law Clinic

Colorado Law's Entrepreneurial Law Clinic (ELC) provides law students with unique, practical experience in transactional law while offering valuable legal services without charge to local businesses that lack access to venture capital or angel investor resources. By assisting entrepreneurs when they need help the most, the ELC provides Colorado Law students hands-on opportunities to make a difference in the community. The Clinic assisted over 25 clients in 2009, including start up companies founded by graduate students and local entrepreneurs. Led by Associate Clinical Professor Brad Bernthal, third-year Colorado Law students staff the Clinic under the joint supervision of a clinician and experienced attorneys from top law firms in Boulder and Denver. The summer ELC was led by Cooley Godward Kronish LLP attorney Mike Platt and focused on assistance to companies admitted to Boulder's TechStars program.

## Crash Course Series

The Crash Course Series for Entrepreneurs provides focused discussion on legal and business topics that entrepreneurs will confront when launching new ventures. The meetings are open to faculty, students, and the outside community.

**Marketing for Web-based Startups**  
With Laura Kornish  
January 27, 2009

**Raising Venture Capital**  
With Jason Mendelson  
February 24, 2009

**Open Source**  
With Jason Haislmaier  
October 27, 2009

**Picking a Business Worth Starting**  
With Paul Berberian  
November 11, 2009



Silicon Flatirons' mission to inspire student interest in technology law and entrepreneurship was carried out in 2009 with a variety of events, competitions, courses, and networking opportunities. Students are also a critical part of Silicon Flatirons' operation and we would like to thank the following students for their dedication and hard work during 2009: Eric Schmidt, Therese Kerfoot, Blake Reid, Julie Penner, Pamela Emery, Brandon Sandberg, Bala Singareddy, Chris Achatz, Sushma Mallikarjunaiah, Dave Mangum, and Mark Wiranowski.

Colorado Law's Samuelson-Glushko Technology Law & Policy Clinic (CU TLPC) provides students an opportunity to get involved in technology and regulation. An illustrative project from 2009 pushed privacy considerations related to smart grid developments onto the regulatory radar. Working under the guidance of Associate Professor Paul Ohm, third-year law student Elias L. Quinn researched potential privacy implications in developing and deploying smart metering and smart grid technologies across the country. Quinn then took the project forward through the CU TLPC, led by Associate Clinical Professor Brad Bernthal, during Spring 2009. Quinn delineated not only the potential for privacy invasion, but developed a proposal for protecting consumer privacy without needlessly inhibiting innovation and market development. He presented his work to the Colorado Public Utilities Commission in a series of ex parte meetings. The Commission invited Quinn to help it open an investigatory docket concerning potential implication of smart grid development and related data regulations (High Profile Docket No. 09I-593EG). Quinn's analysis provided the framework for Colorado's investigation, which is the first jurisdiction to comprehensively examine the issue, and may well produce the first set of rules to explicitly outline smart grid data collection and dissemination practices. Quinn's efforts attracted national media attention, including coverage at MSNBC.com and in Electric Power Daily. He is also an active participant in California's consideration of these issues. Quinn's work can be downloaded at: <http://ssrn.com/author=1239693>.

## Dale Hatfield Scholars & Research Program

Sonal Lamba Malhotra received the 2009 Dale Hatfield Scholars and Research Award and had the opportunity to work for the Federal Communications Commission (FCC) in their Wireless Bureau in the Spectrum and Competition Policy Division in Washington D.C. Sonal was a part of some very exhilarating projects during the course of the summer. While there, the SCPD was drafting the Notice of Proposed Rule Making (NPRM) for a major issue. Sonal helped in drafting and editing the NPRM. Additionally, she analyzed and researched the competition in the wireless market and prepared a report, part of which was included in the proposed NPRM. Furthermore, she attended Senate hearings on the Consumer Wireless Experience and presented a report to the Wireless Bureau.

Sonal also had the opportunity to work on the proceeding for the National Broadband Plan, which is currently the top priority for the Commission and attended various training programs organized for interns, which included topics like the National Telecom Act of 1996, Intercarrier Compensation, Economic Regulation, and the National Broadband Plan. These training programs provided in-depth knowledge of some of the Telecom policies and also gave Sonal the opportunity to interact with FCC employees directly involved in drafting these policies. *Sonal offers her sincerest thanks to all the generous donors of the Dale Hatfield Scholars and Research Program for making this opportunity possible.*

## Writing Competition

Each year, Silicon Flatirons accepts submissions of papers written about a topic involving law and technology in order to promote and encourage among students the continued pursuit of the research, planning, organization, writing, and editing of scholarly papers in this field. This year's papers were read and judged by a panel of attorneys at Faegre & Benson, the sponsor of this contest.

The 2009 Writing Competition Winner is Per Larsen, J.D. Candidate 2010. Larsen wrote a paper entitled, "Text Message Price Gouging: A Perfect Storm of Tacit Collusion," which analyzes text message pricing to show

how consumers are overcharged relative to other wireless services and examines how the text messaging market became a concentrated market with only a few national wireless carriers.

It also analyzes how competition, antitrust law, and regulatory oversight should protect consumers from price gouging and discusses how the FCC has not fulfilled its mission to provide consumers effective competition and efficient use of spectrum with regards to text messaging. Larsen's paper will be published in the next JTHTL issue. To subscribe to the Journal send an email to [jthtl@colorado.edu](mailto:jthtl@colorado.edu).



Ben Fernandez of Faegre & Benson, Winner: Per Larsen, Professor Paul Ohm

## USTTI

This July, Silicon Flatirons and the ATLAS Institute co-sponsored a course on Managing Effectively in a Changing Telecommunications Environment. The intensive, one-week course focused on: (1) effective management techniques; (2) the telecommunications climate; and (3) efficient operational decisions.

The United States Telecommunications Training Institute (USTTI), brought twenty-one telecommunications regulators and executives from around the world to Boulder for the course. Participants came from Bangladesh, Bermuda, Ethiopia, Ghana, Kenya, Malawi, Mongolia, Nepal, Nigeria, Peru, Suriname, Tanzania, Uganda, and Zambia. In addition to the USTTI participants, eleven University of Colorado students from the Interdisciplinary Telecommunications Program, Aerospace, and Engineering participated in the course.

The course featured lectures by CU faculty, as well as by outside experts. It began with a technological overview by Dale Hatfield, and Chris Cadwell discussed innovation, marketing, and business strategy in high technology; Melinda Cain talked about Cooperation in the midst of cultural differences; Bob Kois gave an introduction to project management strategies; Kai Larsen talked about managing a privacy breach; Paul Ohm gave legal and technical perspectives on data privacy and security; and Scott Savage discussed the economics of telecommunications. The ATLAS Institute hosted a lunch for all of the students where Revi Sterling and Robyn Sandekian gave an overview of CU's development efforts.



2009 USTTI Class

Outside experts were also extremely generous with their time. Bryan Tramont, a senior adjunct fellow at SFC, partner at Wilkinson Barker Knauer and former Chief of Staff at the FCC, gave an overview of the emerging regulatory landscape. Tramont also led a discussion with Jeffrey Cohen, Senior Legal Counsel for the FCC's Public Safety and Homeland Security Bureau. Richard Green, a senior adjunct fellow at SFC, and former president and CEO of CableLabs, gave a tour of the CableLabs facilities and spoke about project management and standards development. Jeff Battin, a consultant with Perficient, spoke about team building and strategies for effective collaboration. Bill Ernstrom, a successful entrepreneur, discussed managing in times of rapid change. The course concluded with a Keynote Address by Phil Weiser, Founder of the Silicon Flatirons Center and Deputy Assistant Attorney General, Antitrust Division.



Eric Schmidt, Therese Kerfoot, Phil Weiser



Brandon Sandberg and Brad Bernthal

## JTHTL

The Journal on Telecommunications and High Technology Law (JTHTL) was launched eight years ago by a group of law students and Professor Phil Weiser. Today, the JTHTL stands at the forefront of many critical debates affecting technology policy, including most notably the debate surrounding network neutrality. Many of the JTHTL's articles arise from work presented at Silicon Flatirons Conferences. The eighth volume will publish articles presented at the 2009 Digital Broadband Migration Conference by William Kovacic, Shane Greenstein, Christopher Yoo and James Speta along with student notes from Todd Adelman, Per Larsen, and Avi Loewenstein.

### 2009 Board of Editors:

Editor-in-Chief  
*Blake Ellis Reid*

Executive Editor  
*Tyler Martinez*

Managing Editor  
*Avi Loewenstein*

Lead Production Editor  
*Per Larsen*

Associate Production Editor  
*Jeffrey Merton O'Holleran*

Executive Articles Editor  
*Todd C. Adelman*

Executive Student Note Editor  
*Devin Looijen*



**The Promise and Limits of Social Entrepreneurship**, January 7, 2009

Rapporteur: Jill Rennert

**The Social, Ethical, and Legal Implications of Social Networking**, January 22, 2009

Rapporteur: John Bergmayer

**Open Standards, Open Innovation, and the Rollout of IMS**, May 5, 2009

Rapporteur: Christopher Achatz

**The End of Scarcity, Open Architecture, and the Future of Broadband Competition Policy**, June 2009

Rapporteurs: Robert Atkinson and Phil Weiser

**Government 3.0**, August 2009

Rapporteur: Therese Kerfoot

**Higher Education & Entrepreneurship in Colorado**, November 4, 2009

Rapporteur: Micah Schwalb

**Radio Regulation: Defining Inter-channel Operating Rules**, December 2, 2009

Rapporteur: Pierre de Vries

Full reports can be found on our website.



Pierre de Vries, Dale Hatfield, Ray Gifford



Paul Ohm, David Huberman, Jason Haislmaier

### January 2009

**Conference:** Reforming the Federal Communications Commission

**Roundtable:** The Social, Ethical, and Legal Implications of Social Networking

**Student Event:** Exploring a Career in Technology Law

**Conference:** Antitrust Law for the New Administration

**Crash Course:** Marketing for Web-based Startups

**New Tech Meetups:** First Tuesday of every month



Dale Hatfield and Phil Weiser

### June 2009

**Workshop:** Law and New Institutional Economics

**Roundtable:** Government 3.0

**Brad Feld/Phil Weiser One-on-One:** Feld on Work-Life Balance

**Summit:** Toward An Effective Vision of Smart Grid Policy

Silicon Flatirons Passing of the Baton Ceremony

**Roundtable:** Entrepreneurship and Higher Education

### September 2009

**Summit:** Radio Regulation: Defining Out-of-Band Operating Rules

**Conference:** Telecommunications Regulation in Comparative Perspective

**Entrepreneurs Unplugged:** Niel Robertson

### October 2009

**Conference:** The Rise of Broadband Video and the Future of Digital Media

**Policymakers Series:** Digital Copyright and Innovation Online: A Little Does of Optimism, Lecture by Fred von Lohmann

**Entrepreneurs Unplugged:** David Cohen

**Student Event:** Women and Technology Law

**Crash Course:** Open Source

### November 2009

**Entrepreneurs Unplugged:** Steve Halstedt

**Entrepreneurs Unplugged:** Mayor Nir Barkat

**Crash Course:** Picking a Business Worth Starting

**Entrepreneurs Unplugged:** Ted Turner

**Roundtable:** Innovation and Alternative Energy

**CU New Venture Challenge:** Pitch Day

**Roundtable:** Google, ISPs, and Other Online

Intermediaries: Power, Responsibility, and Regulation

### December 2009

**Conference:** Reforming Internet Privacy Law

**Entrepreneurs Unplugged:** Tim Enwall

**Policymakers Series:** The Role of Broadband in Public Safety and Homeland Security Communications

### February 2009

**Roundtable:** Open Standards, Open Innovation, and the Rollout of IMS

**Conference:** The Digital Broadband Migration: Imagining the Internet's Future

**Brad Feld/Phil Weiser One-on-One:** Feld on Finance

**Entrepreneurs Unplugged:** Sue Kunz

**Crash Course:** Raising Venture Capital

**Student Event:** Exploring a Career in Transactional Law

### March 2009

**Entrepreneurs Unplugged:** Andrew McFarlane

**Conference:** Evaluating Software Patents

**Roundtable:** Patents, Standards, and Innovation: How Should Standard Setting Bodies View Patent Rights?

### April 2009

**Conference:** Colorado Broadband Technical Entrepreneurial Mash-Up

**Brad Feld/Phil Weiser One-on-One:** Feld on The Entrepreneurial Ecosystem

**Entrepreneurs Unplugged:** Glenn Jones

**Conference:** Putting the Entrepreneurial Ecosystem in Perspective

**CU New Venture Challenge:** Finals

**Entrepreneurs Unplugged:** Sam Zell

### May 2009

**Roundtable:** The End of Scarcity, Open Architecture, and The Future of Broadband Competition Policy

**Workshop:** Institute for Regulatory Law & Economics



Sue Wyman and Ray Gifford

**William Boyd:** *International Forest Carbon and the Climate Change Challenge: Issues and Options*, Nicholas Institute Report, Duke University

**Victor Fleischer:** *A Theory of Taxing Sovereign Wealth*, 84 NYU L. Rev. 440  
*Book/Tax Conformity and Equity Compensation*, 62 Tax L. Rev 399

**Dale Hatfield:** *Testimony before the Subcommittee on Communications, Technology and the Internet of the House Committee on Energy and Commerce, December 15, 2009*

**Scott Moss:** *Litigation Discovery Cannot Be Optimal but Could Be Better: The Economics of Improving Discovery Timing in a Digital Age*, 58 Duke L.J. 889  
*How the New Economics Can Improve Discrimination Law, and How Economics Can Survive the Demise of the "Rational Actor"*, 51 Wm. & Mary L. Rev. 183

**Paul Ohm:** *The Rise and Fall of Invasive ISP Surveillance*, U. Ill. L. Rev. 1417  
*Computer Programming and the Law: A New Research Agenda*, 54 Villanova Law Review 117

**Phil Weiser:** *Regulating Interoperability: Lessons From AT&T, Microsoft, and Beyond*, 76 Antitrust L.J.271  
*Introduction to a Special Issue on Network Neutrality*, 8 Review of Network Economics 1  
*Future of Internet Regulation*, U.C. Davis Law Review  
*Institutional Design, FCC Reform, and the Hidden Side of the Administrative State*, Administrative Law Review



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Former Chairman,  
*Colorado Public Utilities Commission*

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Computer and Communications Security Center,  
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President and Co-founder, *Public Knowledge*

**Harry Surden**

Associate Professor of Law, *University of Colorado*

**Paul Teske**

Dean, School of Public Affairs,  
*University of Colorado at Denver*

**Bryan Tramont**

Senior Adjunct Fellow, *Silicon Flatirons Center*  
Partner, *Wilkinson Barker Knauer, LLP*

**Pierre de Vries**

Senior Adjunct Fellow, *Silicon Flatirons Center*

**Phil Weiser**

Founder, *Silicon Flatirons Center*  
Professor of Law, *University of Colorado (on leave)*  
Deputy Assistant Attorney General, *Antitrust Division*



Tom Lookabaugh



Richard Green



Jonathan Sallet



Wendy Seltzer



Paul Shoning



Bryan Tramont





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Associate Clinical Professor of Law, *University of Colorado*

**Dan Caruso**<sup>^</sup>  
Co-Founder, President & Chief Executive Officer, *Zayo Group*

**Jud Cary**<sup>\*</sup>  
Vice President, Video Technology Policy and Deputy General Counsel, *CableLabs*

**David Cohen**<sup>^</sup>  
Chief Executive Officer, *TechStars*

**Elizabeth Cook**<sup>^</sup>  
President, *Philanthropiece*

**Andrew Crain**<sup>†</sup>  
Vice President and Deputy General Counsel, *Qwest*

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