



# Silicon Flatirons

KNOW WHAT'S NEXT.

## IMPACT REPORT

2021 - 2022



Colorado **Law**  
UNIVERSITY OF COLORADO **BOULDER**

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# About Us

## What We Do

Silicon Flatirons is a research center at the University of Colorado Law School, catalyzing innovation through an interdisciplinary, diverse, and inclusive stance on law, policy, and entrepreneurship in the digital age. Through our initiatives, the center positively impacts thought leadership and inclusive collaboration, disseminates new knowledge to our community, and educates the next generation of experts.

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## Mission

Silicon Flatirons mission is to elevate the debate surrounding technology policy issues; support and enable entrepreneurship in the technology community; and inspire, prepare, and place students in these important areas.

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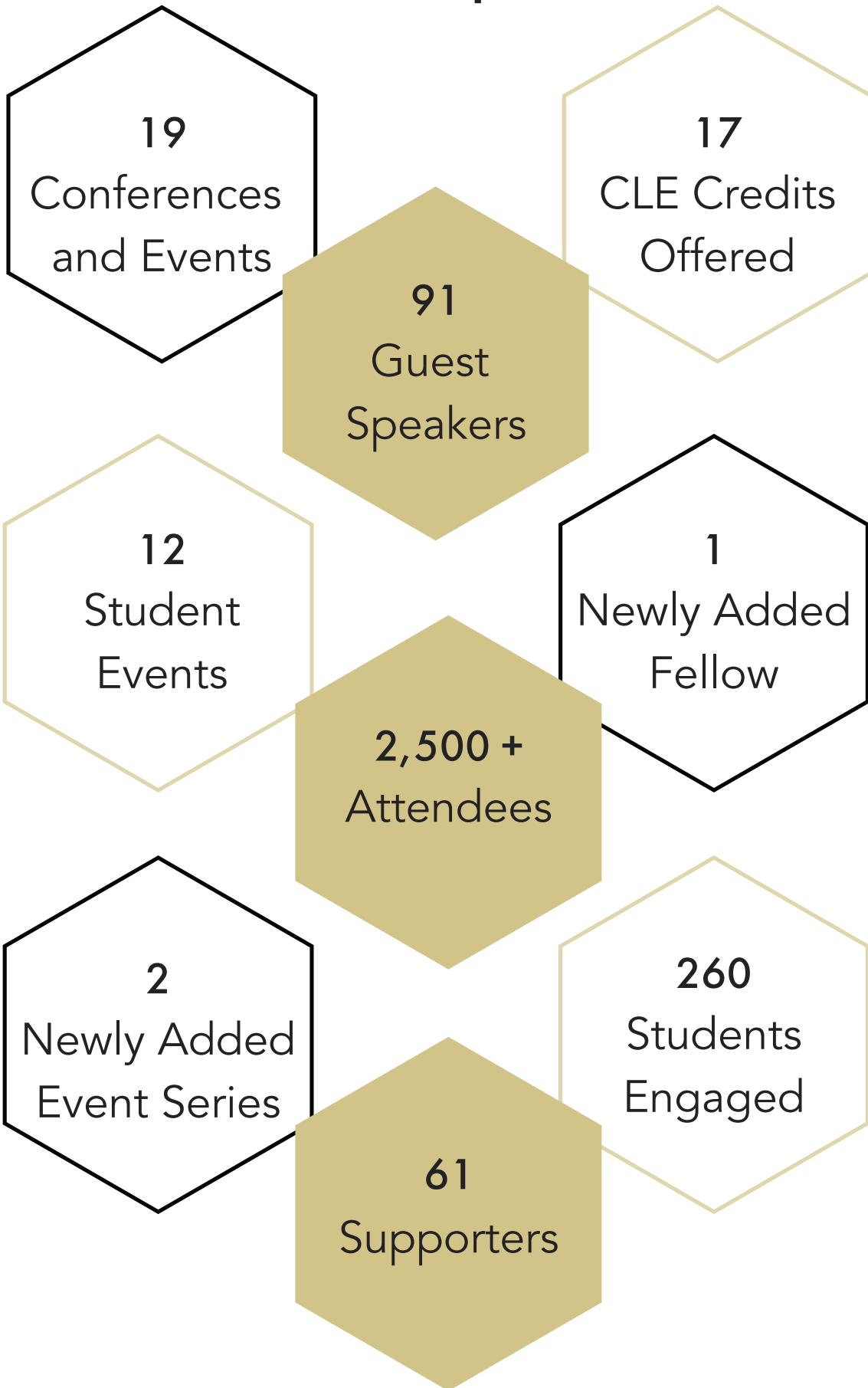
## Initiatives

Our initiatives are hubs for pivotal issue areas at the intersection of technology and law, led by internationally recognized experts who facilitate programming and convenings and generate thought-provoking scholarship within those areas.

- Artificial Intelligence
- Entrepreneurship
- Intellectual Property
- Privacy
- Spectrum Policy
- Telecom & Platforms



# Our Impact



# Event Lineup

## Fall 2021

- Startup Summer Pitch Night Competition
- Entrepreneurial Policy Academy
- Frontiers in Spectrum Sharing
- The Ethics of Implementing New Technology
- Past as Prologue: Re-Launch of the Encryption Compendium and Discussion
- Crash Course: The Startup Playbook with Rajat Bhargava and Will Herman
- Crash Course: The New Builders
- The State of the Art of Artificial Intelligence in the Practice of Law
- Crash Course: The State of Privacy Law in California

## Spring 2022

- Fireside Chat with FCC Chairwoman Jessica Rosenworcel and Colorado Attorney General Phil Weiser
- Entrepreneurs Unplugged: Doug Campbell, Solid Power
- Spectrum Policy Initiative Private Roundtable: Resolving Interference Conflicts among “Highest and Best” Uses of Radio Spectrum
- The United States of Anonymous
- Privacy Initiative Private Roundtable
- Tech Legal Private Roundtable
- May Startup Variety Show
- June Startup Variety Show

Video Archive





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# Some of our Featured Speakers



**Phil Weiser**  
State of Colorado,  
Attorney General



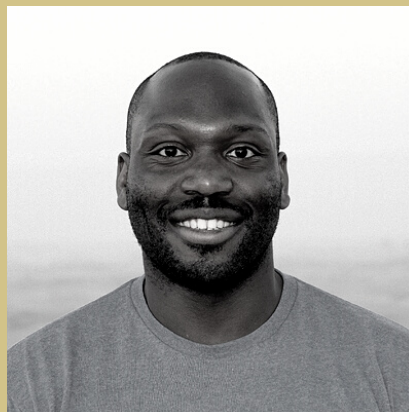
**Grace Koh**  
Nokia



**Dr. Jason Adaska**  
Holland & Hart LLP



**Heather Shoemaker**  
Language I/O



**Dr. Newton Campbell**  
NASA Langley  
Research Center/SAIC



**Jessica Rosenworcel**  
FCC,  
Chairwoman



**The Hon. Nathan Simington**  
FCC,  
Commissioner



**Riana Pfefferkorn**  
Stanford Internet Observatory

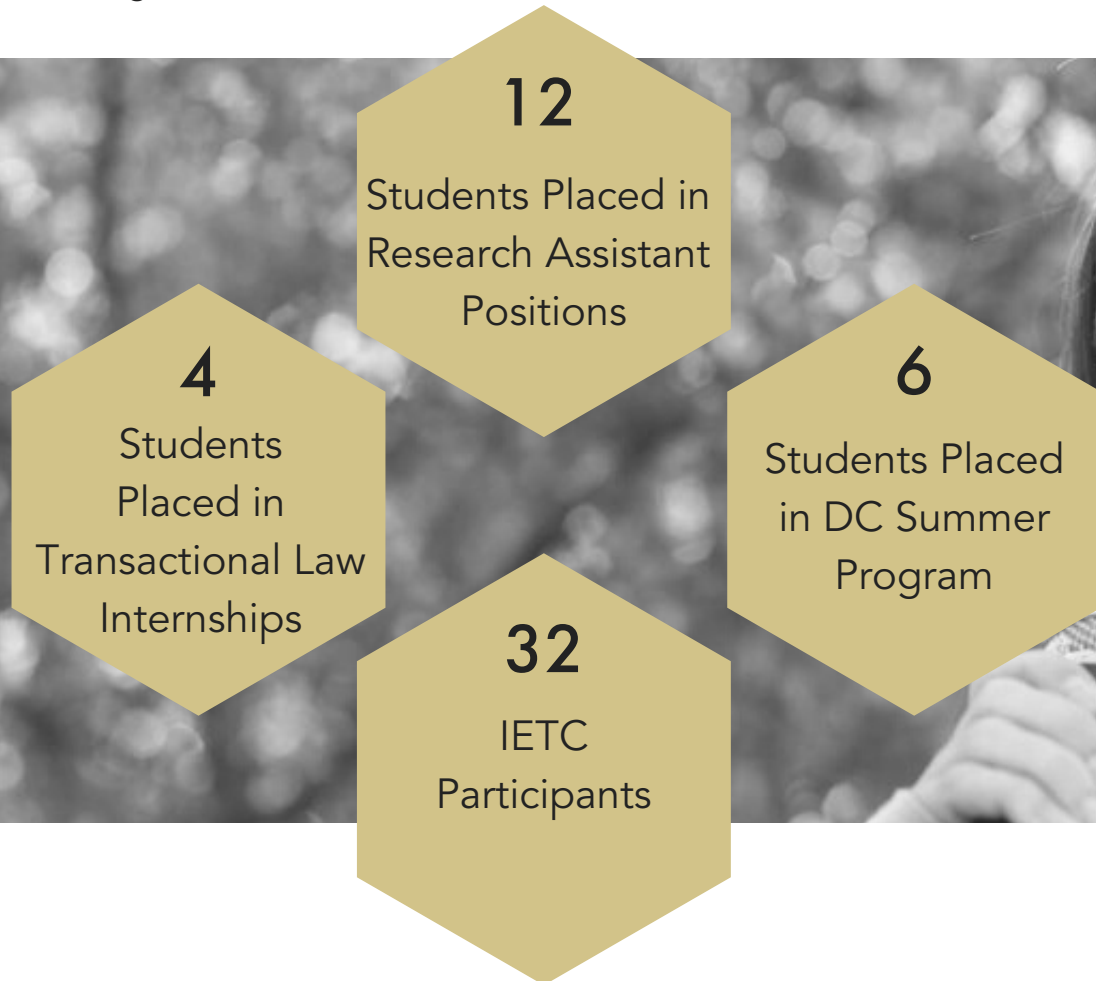


**David Zetony**  
Greenberg Traurig, LLP

# Student Engagement

## Career Development

The center's relationships with companies and firms both locally in Colorado and nationally helped connect students to internships in-house at technology companies, in private practice at firms, and in public service and policy at governmental agencies.



## IETC

On February 19, 2022, the Daniels Fund Ethics Initiative Collegiate Program at Colorado Law, the Collegiate Program at Leeds School of Business, and Silicon Flatirons hosted the fifth annual Interdisciplinary Ethics Tech Competition. Graduate students from across campus — in disciplines including law, business, engineering and communications — came together in teams to tackle a case problem involving a fictional gathering of decision makers working on the possibility of developing a process for contract tracing in the US. Students considered issues such as regulation, privacy, voluntary participation, equitable distribution of testing and medical care, and the use of technology.

## Startup Summer

Startup Summer 2021, served 20 students. Over 20 guest speakers from across the Front Range contributed their time and expertise to advise participants on how to build a company. Student participants gave effusive feedback, both in anonymous exit surveys and on the record, about the program's value. At the outset of last summer, the program had 50% job placements, and by the end of the summer, 85% placement was achieved.

"I value everything that I had in this program. The people, the connections, the support, the seminars, the speakers themselves, the competition, the team, everything was here. Startup Summer really made me feel like this is more possible than I could ever imagine. Starting a business that is."

—Ben Breuch (2021)

## Student Awards

Congratulations to the students who were recognized by Silicon Flatirons for their service and involvement.

- Sloane Dryer — Silicon Flatirons Leadership Award
- Allen Jones — Recognition for Student Group Leadership
- Sarah Keller — Contributions in Innovation and Entrepreneurship
- Richard Koch — MVP
- Gabe Lennon and Eloise Morris — Exceptional Service
- Graham Stevenson — Excellence in Interdisciplinary Work
- Stacey Weber — Phil Weiser Multitasker Award

Volunteers Extraordinaire — Rachel Anderson | Christina Canino | Sloane Dreyer | Taylor Hartley | Jonathan Stokely | Stacey Weber





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# Community Highlights

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## Spectrum Policy Initiative Welcomes Keith Gremban as New Co-director



**Dr. Keith Gremban**



**JP de Vries**

In fall 2021, the center welcomed Dr. Keith Gremban as a new co-director of its Spectrum Policy Initiative. Gremban has been a long-time community member with Silicon Flatirons, and was appointed as a Senior Fellow with the Spectrum Policy Initiative in 2020. He is a nationally recognized expert on wireless communications systems and joined Dale Hatfield, longtime Spectrum Policy Initiative co-director and distinguished advisor, in his new role.

Gremban replaced JP de Vries, who announced his new role as director emeritus and distinguished advisor of Silicon Flatirons. De Vries became a fellow of Silicon Flatirons in 2008 and co-director of its Spectrum Policy Initiative in 2012.

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## Silicon Flatirons Scholars Influence FCC Receivers Proceeding

In April 2022, the FCC unanimously started a proceeding that will explore ways to promote, in its words, the efficient use of spectrum through improved receiver interference immunity performance.

The Notice of Inquiry reflects the pioneering work that JP de Vries and especially Dale Hatfield have been doing on this topic for many years. The NOI cites several Silicon Flatirons reports and describes five FCC Technological Advisory Council (TAC) white papers that included Hatfield and/or De Vries as authors. Receiver issues were addressed in several Silicon Flatirons events, including a summit in 2009 and a conference in 2010.



## Featured Reports and Awards

- Conference Outcomes Report — Frontiers in Spectrum Sharing
- Roundtable Outcomes Report — Resolving Interference Conflicts Among “Highest and Best” Uses of Radio Spectrum
- Professor Brad Bernthal received the Frank Moyes Award, recognizing an outstanding faculty member who has “demonstrated exceptional interest and accomplishments in innovation and entrepreneurship” at CU Boulder.



From the Western Slope to the Eastern Plains, Startup Colorado continued its work to cultivate the growth of entrepreneurs and entrepreneurial communities by helping startups tap into educational, financial, and collaborative resources.

Special thanks and appreciation are due to Delaney Keating for her role as Executive Director for the past three and a half years. Delaney stepped down from her role in early 2022, and Startup Colorado is pleased to welcome Taylor Grande as the acting Executive Director.



Taylor Grande



Delaney Keating

# Leadership, Faculty, and Staff

- Brad Bernthal — University of Colorado Law School, Associate Professor; Silicon Flatirons, Interim Executive Director and Entrepreneurship Initiative Director
- Kristelia García — University of Colorado Law School, Associate Professor; Silicon Flatirons, Intellectual Property Initiative Director
- Keith Gremban — University of Colorado, Research Professor; Silicon Flatirons, Spectrum Policy Initiative Co-director
- Dale Hatfield — University of Colorado, Adjunct Professor; Silicon Flatirons, Spectrum Policy Initiative Co-director and Distinguished Advisor
- Margot Kaminski — University of Colorado Law School, Associate Professor; Silicon Flatirons, Privacy Initiative Director
- Katherine Koebel — Silicon Flatirons, Engagement Manager
- Nate Mariotti — Silicon Flatirons, Managing Director
- Blake E. Reid — University of Colorado Law School, Clinical Professor; Silicon Flatirons, Telecom & Platforms Initiative Director
- Sara Schnittgrund — Silicon Flatirons, Student Programs Director
- Shannon Sturgeon — Silicon Flatirons, Event Coordinator
- Harry Surden — University of Colorado Law School, Associate Professor; Silicon Flatirons, Artificial Intelligence Initiative Director
- Phil Weiser — State of Colorado, Attorney General; Silicon Flatirons, Founder and Distinguished Advisor
- JP de Vries — Silicon Flatirons, Director Emeritus and Distinguished Advisor

## Notable Transitions

This year included notable transitions in Silicon Flatirons leadership team. Amie Stepanovich, after a tenure of two and a half years, stepped down as Executive Director to take a role as VP of US Policy at the Future of Privacy Forum. Amie worked hard during her time with Silicon Flatirons to expand diversity and inclusion efforts, formalize internal processes, and lead with integrity. Associate Professor Brad Bernthal, who has been part of Silicon Flatirons since 2005, took over as Interim Executive Director in December 2021. Silicon Flatirons added new team member Shannon Sturgeon in October 2021 in the role of Event Coordinator. Shannon has been a terrific addition and, as we look to a full slate of in-person events in 2022–2023, her role will be critical in the year ahead.



**Amie Stepanovich**

# Fellows

## Senior Fellows

- Sam Arbesman — AI Initiative; Scientist in Residence, Lux Capital
- Jeff Blattner — Telecoms and Platforms Initiative; President and Attorney, Policy Solutions, PLLC
- Jill Van Matre Dupré — Spectrum Initiative; Associate Director, ATLAS Institute, University of Colorado Boulder
- Ray Gifford — Senior Fellow; Partner, Wilkinson Barker Knauer, LLP
- David Redl — Spectrum Initiative; Founder and CEO, Salt Point Strategies LLC
- David Reed — Spectrum Initiative; Scholar in Residence, Technology, Cybersecurity and Policy Program, University of Colorado Boulder
- Scott Skinner-Thompson — Privacy Initiative; Associate Professor, University of Colorado Law School
- Peter Tenhula — Spectrum Initiative; Retired, National Telecommunications and Information Administration (NTIA)

## Fellows

- Ken Fellman — Fellow; Partner, Kissinger & Fellman, P.C.
- Casey Fiesler — Telecom and Platforms Initiative; Assistant Professor, Information Science, University of Colorado Boulder
- Gabor Molnar — AI Initiative; Research Associate, Department of Economics, University of Colorado Boulder
- Cobun Zweifel-Keegan — Privacy Initiative; Managing Director, IAPP DC



# Advisory Board

- Ben Abell — Entrepreneur, Goodr
- Jason Adaska — Director of Software Engineering and Innovation Lab, Holland & Hart LLP
- Jason Albert — Global Chief Privacy Officer, ADP
- Kevin Bell — Senior Associate, Kilpatrick Townsend & Stockton LLP
- Keith Berets — Partner, Cooley, LLP
- Len Cali — Senior Vice President of Global Public Policy, AT&T
- Newton Campbell — Senior Principal Solutions Architect, SAIC
- Christine Y. Chen — Senior Editor, Global Publishing, McKinsey & Company
- Ben Fernandez — Partner, WilmerHale
- Ari Fitzgerald — Partner, Hogan Lovells US LLP
- Ray Gifford — Partner, Wilkinson Barker Knauer, LLP
- Anna Gomez — Partner, Wiley Rein LLP
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- Elizabeth Harding — Shareholder, Polsinelli
- Sarah Holland — Public Policy Manager, Google
- Clay James — Private Firm
- Justin Konrad — Partner, Hutchinson Black and Cook, LLC
- Jon Lehmann — Director, Government & Regulatory Affairs, Comcast Cable Corporation
- Alison Minea — Director & Senior Counsel, Regulatory Affairs, DISH Network
- Susan Mohr — Director of International Government Affairs, Lumen Technologies
- Mike Mooney — Senior Vice President, General Counsel, Zayo Group, LLC
- Andrew Pouzeshi — Partner, Faegre Drinker Biddle & Reath LLP
- Evan Rothstein — Partner, Arnold & Porter
- John Ryan — Former Executive Vice President, Chief Legal Officer, Level 3 Communications, LLC
- Andy Sayler — Security Engineer and Researcher
- David St. John Larkin — Partner, Perkins Coie LLP
- David Sullivan — Program Director, Global Network Initiative
- Mark Walker — Vice President of Technology Policy, Cable Labs
- Emily Wasserman — Associate, Davis Graham & Stubbs LLP
- David Zetoony — Shareholder and Co-Chair U.S. Data Privacy and Security Practice, Greenberg Traurig



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# Fall 2022 Sneak Peek

**September 9–10, 2022**  
SERC I 2022 Annual Congress

**October 11, 2022**  
The Startup Variety Show

**September 13, 2022**  
The Startup Variety Show

**November 4, 2022**  
Transparency and the Tech Sector

**October 7–8, 2022**  
Spectrum Policy Initiative  
Conference — Resolving  
Interference Conflicts among  
“Highest and Best” Uses of the  
Radio Spectrum

**November 16, 2022**  
The Startup Variety Show

