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Darian M. Ibrahim
*William & Mary Law School*, dmibrahim@wm.edu

D. Gordon Smith
smithg@law.byu.edu

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ENTREPRENEURS ON HORSEBACK: REFLECTIONS ON THE ORGANIZATION OF LAW

Darian M. Ibrahim & D. Gordon Smith*

“Law and entrepreneurship” is an emerging field of study. Skeptics might wonder whether law and entrepreneurship is a variant of that old canard, the Law of the Horse. In this Essay, we defend law and entrepreneurship against that charge and urge legal scholars to become even more engaged in the wide-ranging scholarly discourse regarding entrepreneurship. In making our case, we argue that research at the intersection of entrepreneurship and law is distinctive. In some instances, legal rules and practices are tailored to the entrepreneurial context, and in other instances, general rules of law find novel expression in the entrepreneurial context. As a result, studying connections between law and entrepreneurship offers unique insights about them both.

Whenever we confess our interest in “law and entrepreneurship” to a new group of people, someone in the group inevitably makes reference to the now-hackneyed joke about the “Law of the Horse.” Harold Koh describes the standard version of the joke:

When I first came to Yale Law School more than two decades ago to teach International Business Transactions, then-Dean Harry Wellington suggested that international business law is like that famous non-book, The Law of the Horse, which consists of

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* Associate Professor of Law, University of Arizona James E. Rogers College of Law; Glen L. Farr Professor of Law, J. Reuben Clark Law School, Brigham Young University. This Essay was inspired in part by conversations at the First Annual Law & Entrepreneurship Retreat, held on May 21, 2007 at the University of Wisconsin Law School. The Authors thank David Armond, Bobby Bartlett, Brian Broughman, Vic Fleischer, Cliff Fleming, Larry Garvin, George Geis, Jim Gordon, Mike Guttentag, Bob Lawless, Toni Massaro, Nate Oman, Jim Rasband, Michael Risch, Brett Scharffs, Daniel Sokol, and Lynn Wardle for helpful discussions and comments on this Essay.

1. Attentive readers will have noted our textual pun, referring to The Law of the Horse as “hackneyed.” In addition to its adjective form meaning “trite” or “banal,” the noun “Hackney” refers to an English breed of horses, and “hackney” is a generic term for a trotting horse.
Chapter I: “Contracting for a Horse”; Chapter II: “Owning a Horse”; Chapter III: “Torts by a Horse”; and Chapter IV: “Litigating over a Horse.”

The short of the critique, of course, is that the horse is not a very useful organizing principle for the study of law.

Some might also question the value of organizing a field of legal study around entrepreneurship. In this Essay, we observe that entrepreneurship is an important social and economic phenomenon that has attracted the attention of scholars in many disciplines, including some recent work by legal scholars. We then offer reasons why law and entrepreneurship should be considered a discrete field of legal study, and we urge legal scholars to become even more engaged in the wide-ranging scholarly discourse over entrepreneurship. As applied to law and entrepreneurship, therefore, the Law of the Horse is “a catchy put-down, but with very little substance.”

The Law of the Horse is routinely raised in discussions of new areas of legal study—for example, transnational law, health law, and information law—in large part because of the notoriety brought to the joke by Judge Frank Koh.


3. See infra notes 53–55 and accompanying text.
5. “Law and entrepreneurship” is quite different in orientation from “law and economics,” “law and sociology,” “law and psychology,” and other interdisciplinary efforts. Rather than applying the tools of another discipline to law, the study of “law and entrepreneurship” examines the influence of law on entrepreneurial behavior and entrepreneurial behavior on law. Thus, one might use economics, sociology, psychology, and other disciplines to study “law and entrepreneurship.”
Judge Easterbrook’s principal objections to cyberlaw comprised its supposed narrowness (“the best way to learn the law applicable to specialized endeavors is to study general rules”) and its lack of depth:

Lots of cases deal with sales of horses; others deal with people kicked by horses; still more deal with the licensing and racing of horses, or with the care veterinarians give to horses, or with prizes at horse shows. Any effort to collect these strands into a course on “The Law of the Horse” is doomed to be shallow and to miss unifying principles.

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A few years ago, at a conference on the ‘Law of Cyberspace’ held at the University of Chicago, Judge Frank Easterbrook told the assembled listeners, a room packed with ‘cyberlaw’ devotees (and worse), that there was no more a ‘law of cyberspace’ than there was a ‘Law of the Horse’; that the effort to speak as if there were such a law would just muddle rather than clarify; and that legal academics (‘dilettantes’) should just stand aside as judges and lawyers and technologists worked through the quotidian problems that this souped-up telephone would present. ‘Go home,’ in effect, was Judge Easterbrook’s welcome.


11. As to the origins of this term, see Dean Colby & Robert Trager, Using Communication Theory to Understand Cyberlaw and its Discontents, 2005 U. ILL. J.L. TECH. & POL’Y 187, 187 n.2 (“The origin of the word ‘Cyberlaw’ is unclear, but the term was inspired by William Gibson’s novel Neuromancer, which coined the word ‘cyberspace.’ Jonathan Rosenoer subsequently published a newsletter called CyberLaw in the early 1990s, and the neologism began to appear in law review articles shortly thereafter.” (citations omitted)).

12. Easterbrook, supra note 10, at 207. Judge Easterbrook also assailed the effort to create a “law of cyberspace” by leveling a charge of dilettantism:

Instead of offering courses suited to dilettantes, the University of Chicago offered courses in Law and Economics, and Law and Literature, taught by people who could be appointed to the world’s top economics and literature departments—even win the Nobel Prize in economics, as Ronald Coase has done.

I regret to report that no one at this Symposium is going to win a Nobel Prize any time soon for advances in computer science. We are at risk of multidisciplinary dilettantism, or, as one of my mentors called it, the cross-sterilization of ideas. Put together two fields about which you know little and get the worst of both worlds.

Id. The answer to this objection is so obvious that it hardly bears stating, but in the interests of completeness we offer Henry Greely’s response: “Easterbrook is completely right that law professors should not speculate in ignorance about other fields. The right answer is not to withdraw from specific areas, but to learn about them, and to work closely with other people who are specialized in them.” Greely, supra note 6, at 405.

Whether Judge Easterbrook was right about the value of cyberlaw as a separate field of legal study remains a matter of vigorous debate. For present purposes, we are more interested in his method of attack than its target. We begin with some explication of the Law of the Horse, concluding that Judge Easterbrook missed the joke. What makes the Law of the Horse funny is not the narrowness or shallowness of the topic, but rather that the presence of a horse—as opposed to “cucumbers, cats, coal, [or] cribs”—is not a legally relevant fact.

Lawyers inevitably classify cases according to specified factual attributes. Did someone make a promise? Did one person touch another person?

14. See, e.g., Jack M. Balkin, Digital Speech and Democratic Culture: A Theory of Freedom of Expression for the Information Society, 79 N.Y.U. L. REV. 1, 2 (2004) (“If we assume that a technological development is important to law only if it creates something utterly new, and we can find analogues in the past—as we always can—we are likely to conclude that because the development is not new, it changes nothing important.”); Lipton, supra note 9, at 698 (“[E]ven if there is a potential to explain cyberlaw by reference to a clear theoretical framework, such a framework has arguably not yet emerged in practice, at least in the relevant literature.”); Joseph H. Sommer, Against Cyberlaw, 15 BERKELEY TECH. L.J. 1145, 1147 (2001) (“[N]ot only is ‘cyberlaw’ nonexistent, it is dangerous to pretend that it exists.”).

15. As a descriptive matter, it is far from clear that the Law of the Horse would be narrow or shallow. The joke itself hints at the breadth of the imaginary field, touching on contracts, property, torts, and the litigation process. And we presume that any credible study of the subject would explore general principles of law as they apply to cases involving horses. For a discussion of “the law of the horse” that may already exist, see infra note 17.


17. Or is it? A “law of the horse” may already exist. The University of Kentucky College of Law hosts the Annual National Equine Law Conference, sponsors regular continuing legal education programs on equine law, and is home to a student organization called the Equine Law Society. During the 1980s, Kentucky Law Journal twice published articles from an “Equine Law Symposium,” and many law review articles focusing on matters of equine law have been published in other scholarly journals, including a spirited defense of the “law of the horse.” See Joan S. Howland, Let’s Not “Spit the Bit” In Defense of “The Law of the Horse”: The Historical and Legal Development of American Thoroughbred Racing, 14 MARQ. SPORTS L. REV. 473 (2004).


18. Compare Henry Greeley’s suggestion that “many time-honored law school subjects and legal fields are, in their own ways, laws of the horse” because they “all are courses and fields about the law as it is applied in specific settings, not about generalized law as some kind of ‘brooding omnipresence in the sky.’” Greely, supra note 6, at 405–06.
Whether in Roman law,19 in the English common law,20 or in the modern American legal system, legal taxonomies are structured around the underlying factual attributes of transactions.21 And “transactions involving horses” do not merit separate consideration.22

19. The great divisions of Roman law were “persons,” “things,” and “actions.” These divisions have been discussed at great length by scholars of Roman law, see, e.g., H.F. JOLOWICZ, ROMAN FOUNDATIONS OF MODERN LAW 61–81 (1978), and any attempt here to summarize those discussions would necessarily be woefully incomplete. Nevertheless, we can easily illustrate the connection between the organization of Roman law and the underlying factual attributes of the persons, things, or actions.

Perhaps most obviously, “persons” (persona) referred only to humans, not juristic persons, like municipalities or corporations. J.A.C. THOMAS, TEXTBOOK OF ROMAN LAW 389 (1976). “Things” (res) was a vast category, but within that category were myriad subdivisions, including a distinction between movable things (res mobiles) and immovable things (res immobiles). Id. at 130–31. “Actions” (actio) were largely procedural, but they had a substantive component through their close connection to “obligations.” Id. at 213.

And the nature of obligations depended on the underlying factual attributes of transactions. Id. at 221 (“[T]he principal classification, adopted by Gaius and followed in Justinian’s Institutes, is according to the source of the obligation, i.e., the legal fact or transaction from which the obligation arises.”).

20. As with Roman law, the English common law is too vast a subject to describe in a single footnote, but it exhibits the same characteristic of classifying legal rules by the underlying factual attributes of transactions. To use an example that we employed above, material things are divided into “movables” and “immovables.” See 2 FREDERICK POLLOCK & FREDERIC WILLIAM MAITLAND, THE HISTORY OF ENGLISH LAW BEFORE THE TIME OF EDWARD I, at 2 (1895).

The English courts developed an elaborate writ system that regulated the types of claims that could be brought before the courts. Each writ had particular factual predicates. For example,

The trespass writs . . . belong to a group of writs used to make claims for civil wrongs. The specific phrase used in a particular trespass writ described the wrong, which in turn usually entailed proof of specific elements, and delimited damages recoverable for the wrong. For example, while trespass de bonis asportatis sought damages for the carrying away of goods, which could include their value, trespass per quod servitium amisit (“whereby he lost the service” [of his servant]) was a writ used by a master to claim damages for the loss of a servant’s services, but could not be used to claim damages for injuries suffered by the servant.


21. Llewellyn describes this aspect of legal reasoning: “Our fields of law, our patterns of legal thinking, our legal concepts, have grown up each one around some ‘type’ of occurrence or transaction, felt as a typical something, seen in due course as a legally significant type, and, as a type-picture, made a standard and a norm for judging.” Llewellyn, The First Struggle, supra note 2, at 880.

22. For purposes of this Essay, we play along with the joke and assume that the presence of a horse is not a legally relevant fact, despite some evidence to the contrary. See supra note 17. In addition, we observe that the irrelevance of the horse depends on the fact that, under current law, animals are for the most part treated like any other personal property. One of us, however, has argued rather strongly that this should not be the case.
These observations raise an obvious question: which features of human interaction provide a distinctive basis for legal analysis? In our view, a new field of legal study is justified when a discrete factual setting generates the need for distinctive legal solutions. This distinctiveness may manifest itself in the creation of a unique set of legal rules or legal practices, in the unique expression or interaction of more generally applicable legal rules, or in unique insights about law. Under this standard, we will argue that “law and entrepreneurship” merits consideration as a separate field of legal study. Before turning to that argument, however, we examine Judge Easterbrook’s claims in relation to the Law of the Horse to demonstrate the importance of distinctiveness in organizing law.

I. THE LAW OF THE HORSE

Judge Easterbrook deployed the Law of the Horse to make a claim about the proper organization of law, and we take this claim as our point of departure:

Far better for most students—better, even, for those who plan to go into the horse trade—to take courses in property, torts, commercial transactions, and the like, adding to the diet of horse cases a smattering of transactions in cucumbers, cats, coal, and cribs. Only by putting the law of the horse in the context of broader rules about commercial endeavors could one really understand the law about horses.

Judge Easterbrook’s preference for “property, torts, commercial transactions, and the like” as organizational constructs is not completely developed in his essay, but he mentions the breadth of those fields as an advantage over the...
Law of the Horse. In the law of torts, for example, students encounter cases in an infinite variety of contexts, but liability arises from one of three justifications: intentional misconduct, negligence, or strict liability. Each of these categories includes various sub-categories. For example, intentional torts include battery, assault, false imprisonment, infliction of mental distress, trespass, and conversion. At each level of analysis, classification of cases depends on some feature of the underlying factual realities (e.g., whether one person touched another person).

The Law of the Horse would attempt to organize fact scenarios by focusing on alternative attributes of the transactions. Rather than asking whether one person touched another person, for example, we would ask whether the interaction between two people involved a horse. In most instances, classifying cases based on the presence of a horse—as opposed to a chicken or a bicycle—is utterly nonsensical because the mere presence of a horse reveals nothing distinctive that would assist us in resolving actual or potential conflicts among the participants in these transactions.

When we classify the universe of human interactions, therefore, some facts are legally relevant (whether one person touched another person), while other facts are not legally relevant (whether the interaction involved a horse). Judge Easterbrook’s invocation of the Law of the Horse at the “Law of Cyberspace” conference, therefore, might be read most sympathetically as nothing more than an amusing method of asserting that “cyberspace” is not a legally relevant fact.

This assertion causes us to reflect on the grounds for elevating certain facts above others when classifying cases or transactions. We discern various

27. W. PAGE KEETON ET AL., PROSSER & KEETON ON TORTS 31–32 (5th ed. 1984) (“The fundamental basis of tort liability may first be divided into three parts . . . .”); cf. RESTATEMENT (SECOND) OF TORTS (1965) (following this organizational scheme). The American Law Institute (“ALI”) is in the process of replacing parts of the Restatement (Second) of Torts with the Restatement (Third) of Torts. To date, the ALI has adopted two of the three installments that will comprise the Restatement (Third) of Torts: Products Liability (1998) and Apportionment of Liability (2000). The third installment, Liability for Physical and Emotional Harm, is currently available in draft form. RESTATEMENT (THIRD) OF TORTS: LIABILITY FOR PHYSICAL AND EMOTIONAL HARM (Tentative Draft No. 5, 2007).


29. Our emphasis on the importance of facts to understanding the organization of law is not new. Brian Leiter has described the “Core Claim” of the Legal Realists as follows: “judges respond primarily to the stimulus of the facts.” Brian Leiter, Rethinking Legal Realism: Toward a Naturalized Jurisprudence, 76 TEX. L. REV. 267, 275 (1997). This insight allowed Realists to advance “a descriptive theory about the nature of judicial decision, according to which . . . judicial decisions fall into (sociologically) determined patterns, in which . . . judges reach results based on a (generally shared) response to the underlying facts of the case, which . . . they then rationalize after-the-fact with appropriate legal rules and reasons.” Id. at 285.

30. But see supra notes 17 and 22 and accompanying text.

31. In her recent study of the use of language in law schools, Elizabeth Mertz highlights the importance of the process by which relevant facts are selected. ELIZABETH MERTZ, THE LANGUAGE OF LAW SCHOOL: LEARNING TO “THINK LIKE A LAWYER” 66–74 (2007).
circumstances in which legal scholars might be interested in organizing the real
world along factual dimensions that do not correspond with traditional doctrinal
categories, though not all such circumstances would justify the creation of a new
field of legal study. For example, empirical legal scholars may select a sample of
cases or transactions to gain insights about a theoretical issue, or doctrinal legal
scholars may organize cases around various factual contexts to discern subtle
differences in the expression of general legal standards. Some projects of the
latter type gain enough momentum to generate freestanding courses, casebooks,

32. Studies of ranchers in California’s Shasta County, Robert C. Ellickson,
Order Without Law: How Neighbors Settle Disputes (1991), jewelers in midtown
Manhattan, Lisa Bernstein, Opting Out of the Legal System: Extralegal Contractual
Relations in the Diamond Industry, 21 J. Legal Stud. 115 (1992), and tuna merchants in
Tokyo, Eric A. Feldman, The Tuna Court: Laws and Norms in the World’s Premier Fish
Market, 94 Cal. L. Rev. 313 (2006), might all reveal something interesting about the
interplay of formal legal rules and procedures, on the one hand, and social norms, on the
other. But we do not distinguish legally between boundary disputes among ranchers and
boundary disputes among urban apartment owners or contracts among jewelers and
contracts among fish merchants.

33. For example, prominent realist scholar Leon Green used this approach in
organizing his “heretical casebook,” The Judicial Process in Tort Cases, first published
In the first edition of that casebook, Green included chapters on, among other things,
“Threats, Insults, Blows, Attacks, Wounds, Fights, Restraints, etc.” and “Surgical
Operations; Treatment, Control, etc., of Sick, Disabled and Irresponsible Persons.” In a
review of the casebook, James Gifford tried to make sense of the idiosyncratic organization:
Courts must dispose of cases. For this purpose many devices are
available. With a variety of devices at their command, it is not as
important to determine how judges dispose of problems as why. The real
reasons are rarely, if ever, explicit. May we not discover an explanation
as to why courts decide as they do by gathering the cases under fact
categories rather than under categories of legal concepts? This, in my
opinion, is worth trying.

James P. Gifford, The Judicial Process In Tort Cases, 41 Yale L.J. 1264, 1266 (1932)
(book review).

In a series of law review articles and in later editions of the casebook, Green refined
his approach, which he referred to as the “relational-interests” approach to tort law. See
Leon Green, Relational Interests, 29 Ill. L. Rev. 460 (1934); Leon Green, Relational
Interests, 29 Ill. L. Rev. 1041 (1935) (trade relations); Leon Green, Relational Interests, 30
Ill. L. Rev. 1 (1935) (commercial relations); Leon Green, Relational Interests, 30 Ill. L.
Rev. 314 (1935) (professional and political relations); Leon Green, Relational Interests, 31
Ill. L. Rev. 35 (1936) (general social relations); Leon Green, Basic Concepts: Persons,
Property, Relations, 24 A.B.A. J. 65 (1938). Though never widely adopted by torts scholars,
the “relational-interests” approach to tort law survives in Peter B. Kutner & Osborne M.
Reynolds, Jr., Advanced Torts: Cases and Materials 3–8 (3d ed. 2006). As with the
empirical studies mentioned above, Green’s decision to organize tort cases according to
subsidiary facts is not an attempt to create a new field of law but rather to illuminate the
field of tort law.
treatises, articles, and other materials, but are later assimilated into more general categories of law or marginalized.\textsuperscript{34}

The more ambitious motive for organizing cases around factual attributes other than those captured by the great headings of the common law is that the new system of organization may reveal a set of circumstances deserving more tailored attention. Larry Lessig employed this approach in defending cyberlaw from Judge Easterbrook’s horse attack. According to Lessig, the distinctive feature of cyberspace is “code, or the software and hardware that make cyberspace the way it is.”\textsuperscript{35} Lessig argued that by understanding how code affects behavior in cyberspace—and how law affects code—we could gain unique insights on the “limits of law as a regulator.”\textsuperscript{36}

A similar search for distinctiveness was staged by several commentators in a recent symposium on health law held at Wake Forest University School of Law. For example, Mark Hall attempted to identify “the essential features of health care delivery that distinguish its legal issues from those of other related fields.”\textsuperscript{37} Likewise, Einer Elhauge was motivated by the question: “do we gain insights from thinking as a group about the set of legal materials grouped under this rubric?”\textsuperscript{38}

Environmental law also has undergone this sort of examination. Richard Lazarus, for example, has argued that environmental law presents “special challenges” for lawmaking because ecological injury is distinctive.\textsuperscript{39} Jay Wexler responded, “[r]esolution of environmental law disputes frequently calls for nothing more than application of general principles of law that themselves are derived without much or any consideration of the remarkable features of ecological injury.”\textsuperscript{40}

We could multiply the examples,\textsuperscript{41} but the pattern is clear: for (nearly) every participant in these debates,\textsuperscript{42} the argument regarding the value of creating or maintaining a field of legal study turns on the distinctiveness of the factual context. In the following section, we argue that entrepreneurship meets this standard of distinctiveness, despite well-known difficulties in defining its boundaries.

\begin{enumerate}
\item \textsuperscript{34} See A. Dan Tarlock, \textit{Is There a There There in Environmental Law?}, 19 J. LAND USE & ENVTL. L. 213, 229–30 (2004) (referring to “lens courses” such as Poverty Law).
\item \textsuperscript{35} Lessig, supra note 10, at 509.
\item \textsuperscript{36} \textit{Id.} at 502.
\item \textsuperscript{37} Hall, supra note 8, at 358.
\item \textsuperscript{38} Elhauge, supra note 6, at 370.
\item \textsuperscript{40} Jay D. Wexler, \textit{The (Non)Uniqueness of Environmental Law}, 74 GEO. WASH. L. REV. 260, 315 (2006).
\item \textsuperscript{41} See, e.g., Koh, supra note 7, at 306 (“As time moves on, and commerce, telecommunications, culture and transport become increasingly globalized, a growing body of law and norms will emerge that is, on the one hand, universally recognized, but on the other, neither wholly domestic nor wholly international in its character or origin.”).
\item \textsuperscript{42} A notable exception is Henry Greely, who has argued, “the study of health law is both important and fascinating. And that is more than enough to justify spending a career on it.” Greely, supra note 6, at 408.
\end{enumerate}
II. ENTREPRENEURSHIP THROUGH THE LENS OF LAW

Entrepreneurship is a real-world phenomenon of great importance. At the dot.com market’s peak, entrepreneurial start-up companies backed by venture capital accounted for approximately $1.1 trillion in sales or roughly eleven percent of our gross domestic product. 43 These same companies directly employed over 12.5 million people. 44 If the traditional small businesses and innovative activity that occurs within established firms (so-called “intrapreneurship”) 45 are also defined as entrepreneurial (we address the definitional question below), 46 the number of entrepreneurs and amount of entrepreneurial activity in society balloons. 47 At a time when globalization has resulted in the outsourcing of


44. Id.; see also Ronald J. Mann, Do Patents Facilitate Financing in the Software Industry?, 83 TEX. L. REV. 961 (2005). Professor Mann stated:

The U.S. software industry is characterized by astonishing levels of growth, innovative activity, and competition. Some argue that innovation in software and related industries has driven much of the innovation in other industries in recent decades. Federal government statistics suggest that it is one of the few information technology sectors that consistently shows a large trade surplus, and as the pressures of globalization dilute the comparative advantage of American employees in many sectors, it is worth noting the remarkable level of employment growth in the software industry over the last decade, from 854,000 jobs in 1992 to more than 2.1 million jobs in 2000 (a 12% annual growth rate).

Id. at 963 (footnotes omitted).

45. But see D. Gordon Smith & Masako Ueda, Law and Entrepreneurship: Do Courts Matter?, 1 ENTREPRENEURIAL BUS. L.J. 353, 356 (2006) (excluding intrapreneurship from discussion of “getting novel things done” because intrapreneurship presents different issues than start-ups, such as circumventing organizational inertia).

46. See infra notes 69–75 and accompanying text.

47. We observe that Professor Greely, in justifying a field of health law, similarly took note of “the sheer size of health care.” Greely, supra note 6, at 396. He observed that in the year 2006 alone:

[N]early one dollar out of every six spent on goods and services [in the United States] will be spent on health care—more than $ 2 trillion in all. This sum is noticeably smaller than the GDP of only the United States, Japan, and Germany. It is about the same as the GDP of France or the United Kingdom. It is clearly larger than the GDP of every other country in the world. The health care system will spend about $7,000 this year for each man, woman, and child in the United States, affecting the pay checks, tax bills, and bank accounts of every American, as well as the expenses—and profits—of almost all American businesses.

Id. at 396–97. He went on to remark that “[t]hat big of an industry generates a lot of law and a lot of business for lawyers. Lawyers need to be trained to provide relevant services; academics can provide useful analysis and commentary on the laws governing health care.”

Id. at 397.
manufacturing and service jobs, some have argued that entrepreneurship provides the competitive advantage for the United States moving forward. Moreover, entrepreneurship offers psychic benefits for those who wish to be their own boss or take great risk in the hopes of great reward. The entrepreneur has a certain mythological importance in the pursuit of the American dream.

Scholars working in numerous fields have recognized the importance of entrepreneurship and have set out to explore it through their own particular lenses. According to Scott Shane, “any effort to provide a conceptual framework for entrepreneurship seems to require an interdisciplinary approach. The domains of psychology, sociology and economics all seem to provide insight into a piece of the puzzle, but none seem to explain the phenomenon completely.” For instance, the field of economics, and specifically the literature on vertical integration and the boundaries of the firm, informs the means by which entrepreneurs choose to exploit opportunities for profit—whether through start-ups, established firms, or market transactions. Similarly, the notion of entrepreneurs as risk-takers draws from the psychology literature and peers into “the entrepreneurial mind.”

Though academic economists, psychologists, sociologists, and scholars from other disciplines have made greater contributions to the entrepreneurship literature than legal scholars, the development of “law and entrepreneurship” as a field may be inevitable. After all, the effect of law on entrepreneurship is important to both policy makers seeking to promote entrepreneurial activities and

49. See Aaron Lucchetti, NYSE, via Euronext, Aims to Regain Its Appeal for International Listings, WALL ST. J., June 30, 2006, at C1 (noting that 11 of the top 25 foreign IPOs were listed on the major U.S. stock exchanges in 2000, but that this figure dropped significantly after the passage of the Sarbanes-Oxley Act of 2002, down to three of the 25 largest foreign IPOs in 2004 and none of the 25 largest foreign IPOs in 2005).
51. See infra note 55 and accompanying text (on entrepreneurs as risk-takers).
56. Some policy makers, for example, have sought to use tax laws to entice more funding for early stage start-ups. See Colleen DeBaise, On Angels’ Wings, WALL ST. J., Mar. 19, 2007, at R6 (discussing proposed “Access to Capital for Entrepreneurs Act of 2006,” which would have provided a 25% tax credit for angel investing). Laws that would provide tax incentives for start-up investment might enable more start-ups to receive
lawyers counseling clients involved in them. Lawyers, for instance, must be able to advise when it is safe for entrepreneurial employees to leave their current employers and go it alone without violating a non-competition agreement, a confidentiality agreement, trade secret law, and the corporate opportunity doctrine, they must counsel start-ups on how to raise funds from angel investors and venture capitalists without violating securities laws, and they must counsel entrepreneurs and financiers on investment contract design.

Connections between law and entrepreneurship have attracted interest from non-legal scholars. Gordon Smith and Masako Ueda observe, for example, that “the study of law and entrepreneurship has flourished among economists.” In particular, they point to the interest among economists in laws protecting intellectual property and laws protecting investors. But there have been notable attempts by legal scholars to add a “law matters” component to the entrepreneurship discussion. An important example is found in Ronald Gilson’s explanation for Silicon Valley’s comparative success over Boston’s Route 128. While AnnaLee Saxenian first explored the issue and attributed Silicon Valley’s advantage to its progressive cultural norms, Professor Gilson offered a legal explanation: California refused to enforce non-competition agreements but Massachusetts did not. Professor Gilson argued that California’s law allowed for unfettered mobility among Silicon Valley’s entrepreneurial employees, which in turn led to robust start-up activity and knowledge spillover, while Massachusetts’ law had the opposite effect.

Professor Gilson’s contribution and others like it begin to help us understand connections between law and entrepreneurship. But we believe that funding, but might also increase moral hazard by enticing investment in companies that would not be funded absent the subsidy.

57. See infra notes 62–64 and 90–91 and accompanying text.
58. This advice includes finding an exemption from public registration of the offering and complying with the SEC’s ban on general solicitation in exempt offerings.
60. Smith & Ueda, supra note 45, at 357.
61. Id. at 358–63.
63. See generally AnnaLee Saxenian, Regional Advantage: Culture and Competition in Silicon Valley and Route 128 (1994).
64. Gilson, supra note 62, at 578.
much more remains to be learned about entrepreneurship when viewed through the lens of law, and we hope that more legal scholars will pursue the study of these connections. Next we turn to what we might learn about the law when it is viewed through the lens of entrepreneurship.

III. THE DISTINCTIVENESS OF ENTREPRENEURSHIP FOR LEGAL STUDY

Earlier we argued that a new field of legal study is justified when a discrete factual setting generates the need for distinctive legal solutions, whether
manifested in the creation of a unique set of legal rules or legal practices, in the unique expression or interaction of more generally applicable legal rules, or in unique insights about law.\textsuperscript{66} We now contend that entrepreneurship is distinctive in precisely this way. Here, we revisit Professor Lessig’s argument in favor of cyberlaw: “I am not defending the law of the horse. My claim is specific to cyberspace. We see something when we think about the regulation of cyberspace that other areas would not show us.”\textsuperscript{67} While Lessig’s particular answer for cyberspace—that it reveals law’s limits as a regulator\textsuperscript{68}—is not our own answer, we propose the study of law and entrepreneurship for the same general reason: because entrepreneurship is not only an interesting fact, but a legally relevant one.

Why might this be so? For starters, entrepreneurship reveals how the law deals with novelty. Joseph Schumpeter has argued that novelty is the distinguishing attribute of entrepreneurship.\textsuperscript{69} Entrepreneurship involves new products or services, new ways of organizing, or new geographic markets.\textsuperscript{70} Conversely, improvements in existing processes or within existing “means-ends frameworks” do not constitute entrepreneurship because they do not exhibit novelty.\textsuperscript{71} But other fields also show us how law deals with novelty. Patent law, for example, embraces “novelty” as one of the core elements of patentability.\textsuperscript{72} Entrepreneurship finds its true distinctiveness, then, not in novelty alone, but in novelty as applied to opportunities.

In fact, entrepreneurship is often defined as the discovery, evaluation, and exploitation of opportunities,\textsuperscript{73} and novelty is implicit in the notion of entrepreneurial opportunities.\textsuperscript{74} Entrepreneurial opportunities may be novel in a

\begin{itemize}
  \item[66.] See supra notes 23–25 and accompanying text.
  \item[67.] Lessig, supra note 10, at 502.
  \item[68.] Id. ("[G]eneral point is about the limits on law as a regulator and about the techniques for escaping those limits.").
  \item[69.] Smith & Ueda, supra note 45, at 354 (citing JOSEPH A. SCHUMPETER, THE THEORY OF ECONOMIC DEVELOPMENT: AN INQUIRY INTO PROFITS, CAPITAL, CREDIT, INTEREST, AND THE BUSINESS CYCLE 76 (Redvers Opie trans., 3d prtg., Harvard Univ. Press 1949) (1934)).
  \item[70.] SCHUMPETER, supra note 69, at 66.
  \item[71.] See Jonathan T. Eckhardt & Scott A. Shane, Opportunities and Entrepreneurship, 29 J. MGMT. 333, 336 (2003) (contending that the entrepreneur constructs a new means-end framework).
  \item[72.] 35 U.S.C. § 102 (2000); see also John F. Duffy, Inventing Invention: A Case Study of Legal Innovation, 86 Tex. L. Rev. 1, 9 (2007) ("[P]atent law has always required novelty as a substantial element of the creative standard that must be met.").
  \item[73.] See SHANE, supra note 53, at 4 ("Entrepreneurship is an activity that involves the discovery, evaluation, and exploitation of opportunities to introduce new goods and services, ways of organizing, markets, processes, and raw materials through organizing efforts that previously had not existed."); Eckhardt & Shane, supra note 71, at 336 ("[W]e define entrepreneurship as the discovery, evaluation, and exploitation of future goods and services. This definition suggests that, as a scholarly field, entrepreneurship involves the study of opportunities.” (citation omitted)); Scott Shane & S. Venkataraman, The Promise of Entrepreneurship as a Field of Research, 25 ACAD. MGMT. REV. 217, 218–19 (2000) (resisting a narrower definition of entrepreneurship that focuses only on the creation of new firms or the individual traits of entrepreneurs such as risk-taking).
  \item[74.] See supra note 69.
\end{itemize}
strong sense, which typically implies a technological breakthrough backed by venture capital financing, or they may be novel in a weak sense, such as opening a new restaurant in a vacant building. As the novelty of the opportunity increases, so does the unique challenge it might present the legal system, which in turn can lead to the greater need for distinctive legal rules or legal practices to govern that opportunity.

We are now in a position to ask two further questions about the distinctiveness of entrepreneurship for purposes of legal analysis. First, is a distinct set of legal rules or legal practices implicated in connection with entrepreneurial opportunities? Second, if so, does clustering those rules or practices and thinking about them as a collective unit, apart from any current doctrinal confines, offer unique insights about law? The remainder of this Essay will offer preliminary answers to both of these questions.

Transactions relating to entrepreneurial opportunities often require something other than the routine application of general principles of tort, contract, or property law. In some instances, general rules of law find novel expression in the entrepreneurial context. In other instances, legal rules and practices are tailored to the entrepreneurial context. While explicating the full body of “entrepreneurship law” is beyond the scope of this Essay, we offer several illustrative examples from recent legal scholarship. These examples concern both legal rules and legal practices.

Consider again Professor Gilson’s work on the mobility of entrepreneurial employees. Professor Gilson observed that California’s refusal to enforce non-competition agreements was accompanied by the concern that trade secret law—in particular a line of cases on “inevitable disclosure”—might serve as the basis for a backdoor constraint on competition. What is most interesting about this analysis, for our purposes, is Professor Gilson’s decision to combine two legal rules from different doctrinal categories—the rules governing non-competition agreements from employment law and the rules governing trade secrets from intellectual property law—to illuminate the effect of law on the mobility of entrepreneurial employees. The interplay of such generally applicable rules forms a distinctive slice of entrepreneurship law. Thus, the act of compiling a body of entrepreneurship law can entail reshuffling the deck, extracting laws from their current doctrinal categories and creating a new category.

In Professor Gilson’s work, the general rules governing non-competition agreements and trade secrets find novel expression in the entrepreneurial context. But legal rules may also be tailored to fit the entrepreneurial context. Some prominent examples are found in the Securities and Exchange Commission (“SEC”) rules that allow companies to raise capital in private offerings. These

75. See D. Gordon Smith & Darian M. Ibrahim, Law and Entrepreneurial Opportunities (working paper, on file with authors) (expanding on these ideas of entrepreneurial opportunities in both the strong and weak senses, both of which may be considered entrepreneurial in nature).


rules include, in particular, the exemptions from public registration contained in Regulation D, which allow entrepreneurs to avoid the expensive and cumbersome public offering process when seeking initial funding. On the other hand, critics argue that the SEC could do even more to facilitate start-up funding, including relaxing the ban on general solicitation in certain Regulation D offerings and excepting smaller companies from some of the more onerous requirements of the Sarbanes-Oxley Act of 2002. These arguments implicitly recognize entrepreneurship as an important organizational category.

The foregoing examples concern legal rules, but we must also be mindful of legal practices. Our references to “legal practices” in this Essay are intended to convey the idea that the study of law and entrepreneurship need not be limited to consideration of legal doctrine. For example, a substantial literature on the structure of venture capital relationships has developed over the past few decades. Work by sociologists and economists laid the foundation for later work by legal

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78. Most notably, Regulation D contains Rules 504, 505, and 506 which provide safe harbors for offerings that meet certain parameters. For an economic analysis of public offering exemptions, see C. Steven Bradford, Transaction Exemptions in the Securities Act of 1933: An Economic Analysis, 45 EMORY L.J. 591 (1996) (noting that such exemptions are efficient on the whole, although parts are problematic).


80. See HENRY N. BUTLER & LARRY E. RIBSTEIN, THE SARBANES-OXLEY DEBACLE: WHAT WE’VE LEARNED; HOW TO FIX IT 91–92 (2006) (arguing that Congress should amend Sarbanes-Oxley to exempt small firms or to allow them to opt into or out of the Act’s provisions); Joseph A. Castelluccio III, Note, Sarbanes-Oxley and Small Business: Section 404 and the Case for a Small Business Exemption, 71 BROOK. L. REV. 429 (2005) (arguing in favor of a small business exemption from Sarbanes-Oxley Section 404, the costly internal controls provision).


While the study of venture capital relationships may hold lessons for other economic and social relationships, the unique attributes of venture capital contracting stem from the unique problems that arise in the pursuit of entrepreneurial opportunities.

Victor Fleischer provides another example of legal practices driven by the entrepreneurial context: the choice-of-entity decision for entrepreneurial firms backed by venture capital. Traditional choice-of-entity analysis dictates a pass-through entity for the entrepreneurial firm. A pass-through entity, such as a limited liability company, allows founders to avoid double taxation on firm gains and offset firm losses against taxable income from other sources. Professor Fleischer shows, however, that venture capitalists prefer the corporate structure for entrepreneurial firms for several reasons, most notably because firm losses are not as valuable to venture fund investors as they might first appear. Also, while firm gains are unlikely in the early years of most venture-backed firms (where any revenue is likely expended in the development of the firm and its products), Professor Fleischer observes that the corporate structure also offers some tax advantages for gains. In sum, Professor Fleischer’s effort reveals that legal practices concerning choice of entity in the entrepreneurial context are driven by the unique nature of venture capital. In our view, all of this work belongs to the genre of law and entrepreneurship and also begins to develop its contours.

This analysis of entrepreneurship as distinctive leads to our second question: does our focus on legal rules and legal practices related to entrepreneurship reveal something unique about law? In Lessig’s terms, does entrepreneurship show us something about law that we would otherwise overlook? On one level, the study of entrepreneurship law allows us to focus on the interplay between disparate rules and practices, adopted for other reasons and in other contexts, and ask whether as a whole they produce the optimal effect on entrepreneurial activity. For instance, if California’s refusal to enforce non-competition covenants is encouraging knowledge spillover and has contributed to the success of Silicon Valley, policymakers may be wary of allowing trade secret law to hamper that process. On another level, the study of entrepreneurship law

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85. See supra notes 43–47 and accompanying text (entrepreneurial firms might include both venture-backed start-ups and traditional small businesses depending on how broadly entrepreneurship is defined).

86. Fleischer, supra note 65, at 143–47.

87. Id. at 151–63.

88. Id. at 163–67.

89. Lessig, supra note 10, at 502.
shows us how legal rules and practices address a particular type of novelty—entrepreneurial opportunities. What precisely it shows us is a more complicated question that we do not seek to fully answer in this Essay. We do contend, however, that at the very least the study of law and entrepreneurship reveals how legal rules and practices shape entrepreneurial opportunities and how legal rules and practices adapt to entrepreneurial opportunities.

In a working paper, we address how legal doctrine shapes entrepreneurial opportunities. The thrust of our argument is that law allocates the right to exploit opportunities between competing, would-be entrepreneurs through the granting of “property rights” (in an economic sense) and, in doing so, shapes the very form of the opportunities we see exploited. An entrepreneur may want to exploit Opportunity X, but because another’s property rights include this opportunity, he exploits Opportunity Y instead. We also illustrate the law’s shaping function with a detailed examination of various legal doctrines, including the “corporate opportunity doctrine,” which allocates the right to exploit entrepreneurial opportunities between corporate fiduciaries (officers and directors) and the corporations they work for. Because the law deems certain opportunities, perhaps those related to the corporation’s current business, off limits to the fiduciary, that individual will shape the “opportunity” he exploits to fall outside of the corporation’s current business. For example, an executive for the LA Fitness health club corporation may wish to independently open a health club in a vacant building, but because health clubs are his corporation’s business, he may be forced to open a sporting goods or nutrition store instead.

In another paper, Gordon Smith and Masako Ueda use the vehicle of entrepreneurship to suggest how the law adapts to entrepreneurial opportunities. While the law is often slow to respond to novelty, Smith and Ueda suggest ways in which law might accommodate novel businesses. Their argument begins with courts, which “may have an important influence over the level of entrepreneurship in a given region or country.” They recognize that courts “may facilitate the evolution of legal rules to address novel issues raised by entrepreneurial firms,”

90. Smith & Ibrahim, supra note 75.
91. Notice that these ideas can be added to Professor Gilson’s to further define the distinctive body of entrepreneurship law concerning the rights and obligations of entrepreneurial employees with respect to their current and former employers. That body of law consists, at a minimum, of the law governing non-competition agreements, trade secret law, patent law, and the corporate opportunity doctrine. Of course, not all of these laws will be implicated in each case of employee mobility. For instance, the corporate opportunity doctrine will not usually apply to employees other than officers and directors, and patent law will not apply absent a patentable innovation.
92. Smith & Ueda, supra note 45.
93. See, e.g., Jay P. Kesan & Thomas S. Ulen, Foreword: Intellectual Property Challenges in the Next Century, 2001 U. ILL. L. REV. 57, 57 (noting that law has been slow to respond to changes brought about by the modern information age); Maria Pellegrino, Murder In A Petri Dish? The Wrath Of Illinois ’ Miller v. American Infertility Group: A Push For Legislative Action, 13 Buff. Women’s L.J. 137, 140 (2004–2005) (“As with many other areas of the law, science has rapidly progressed in the area of reproductive technology while our laws have been slow to change or respond.”).
94. Smith & Ueda, supra note 45, at 364.
which they dub the “adaptability hypothesis.” In common law countries, courts might adapt to novelty through either interpretation or innovation. In other words, courts might interpret laws differently for purposes of “keeping pace with the changes incited by entrepreneurial firms.” They might also innovate by creating new laws to apply to novel behavior, although this is a more drastic step and will probably be less common.

In each of these ways, then, we see something important about how legal rules and practices address entrepreneurial opportunities. Interesting questions remain, including: in what other ways do legal rules and practices mold and respond to entrepreneurial opportunities, and is legal doctrine having more of an effect on entrepreneurship or is entrepreneurship having more of an effect on legal doctrine? But the critical point is that entrepreneurship is distinctive, in ways that are legally relevant, and as a result, entrepreneurship is worthy of separate legal analysis.

CONCLUSION

“Law and entrepreneurship” is an emerging field of study. Skeptics might wonder whether law and entrepreneurship is a variant of that old canard, the Law of the Horse. In this Essay, we defend law and entrepreneurship against that charge and urge legal scholars to become even more engaged in the wide-ranging scholarly discourse regarding entrepreneurship. In making our case, we argue that research at the intersection of entrepreneurship and law is distinctive. In some instances, legal rules and practices are tailored to the entrepreneurial context, and in other instances, general rules of law find novel expression in the entrepreneurial context. As a result, studying connections between law and entrepreneurship offers unique insights about them both.

95. Id.
96. Id. at 366.
97. Id.
98. Id. at 368.
99. Here we raise, but do not answer, an interesting question of causation. Certainly some important legal rules that affect entrepreneurial activity were not designed for that purpose. See Gilson, supra note 62, at 613–19 (California’s prohibition of non-competition laws was a historical anomaly that had nothing to do with promoting entrepreneurship). In these instances, law is affecting entrepreneurship rather than vice versa. On the other hand, the entrepreneurial setting has resulted in distinct changes in legal practice. See supra notes 85–88 and accompanying text on choice of entity for venture-backed firms. In these instances, entrepreneurship is affecting law.