

University of Nebraska-Lincoln

New Academic Center

Academic Centers include bureaus and institutes

I. Descriptive Information

Name of Institution Proposing New Center
University of Nebraska-Lincoln
Name of Proposed Center
Nebraska Governance and Technology Center
Name of the Programs (majors) Involved
This Center will be primarily housed in the College of Law, with faculty and student engagement from the Colleges of Business and Engineering.
Other Programs Offered in this Field by Institution
No other programs currently offered at the University of Nebraska engage in the research or programming contemplated by this Center.
Administrative Unit(s) for the Proposed Center [e.g. college, school, division, etc.]
College of Law
Physical Location, if applicable
College of Law
Date Approved by the Governing Board
<i>[leave blank]</i>
Proposed Date the Center will be Initiated
<i>Academic Year 2020-21 / Upon Approval</i>

II. Review Criteria

A. Purpose and Context for the Center

Regulation of innovative and emerging technologies is of vital and increasing importance for both Nebraska and the nation. Such technologies offer great potential to continue the improvements to the quality of life and individual wellbeing that defined the 20th century. They also pose some of the greatest challenges that our country has ever faced – from reshaping the relationships between individuals and their communities and those between state and federal government, to contributing to the erosion of critical norms of civility.

The purpose of the Nebraska Governance and Technology Center is to establish a novel, interdisciplinary, research program at the University of Nebraska to study the relationship between technology, society, and government, with a goal of understanding the challenges that changing technology creates for legal institutions, and how those institutions can adapt to changing technology. The lodestone for this focus is that we have transitioned from an era of traditional regulation to one of governance – that is, from an era in which law, policy, and technology operate in discrete, independent, silos to one in which each necessarily depends upon

and affects the others. In an era of governance, laws and regulation cannot be enacted without careful understanding of how they impact technology and innovation; nor can novel technologies be developed without thought being given to how those technologies affect policy and society.

In this setting, traditional approaches to regulation – and especially traditional models of prescriptive, command-and-control regulation by centralized authority – are ill-equipped to address the challenges created by, or to promote the benefits promised by, modern technology. New approaches to regulation are needed: this Center’s goal is to explore those approaches, and to inject consideration of them into ongoing research through the technology policy research community.

The Nebraska Governance and Technology Center will produce a cohort of in-residence faculty and a cohort of students initially across the colleges of Law, Business, and Engineering, as well as a cohort of faculty across the policy-focused legal academy, all of whom study the relationship among technology, business, society, and government on a transdisciplinary basis. The initial focus on the Colleges of Law, Business, and Engineering derives from an understanding of these three disciplines as complementary “legs of a stool” in the development, commercialization, and regulation, of new technologies. The issues that fall within the scope of the Center, however, touch on many other fields. As the Center grows, it is expected that its collaborations will expand beyond these initial three Colleges to engage with a wide range of faculty and students from across the University.

The NU Foundation will receive a five-year \$5.5 million private grant to establish this Center on behalf of the College of Law, which will include faculty with teaching obligations in, and students from, the Colleges of Business, Engineering, and Law. Additional external funding is likely to continue this important work beyond this initial gift.

B. Centrality to UNL Role and Mission

The Center will facilitate collaborative research and teaching on regulation of emerging and innovative technologies – issues of significant importance to constituencies in nearly every college at the University. On any given day, the front page of any newspaper is dominated by stories that touch on the subject matter of this Center – and the academic study of which requires interdisciplinary resources that the University currently lacks. This Center will better equip University faculty and students to research, change, and work within the confines of our contemporary society, with benefits that redound to the University’s research and teaching missions.

C. Relationship of the proposal to the NU Strategic Framework

This Center supports several elements of the NU Strategic Framework. In general, it would develop research and teaching capabilities that the University currently lacks that are of significant importance at the international, national, regional, state, and local level. In so doing, it will increase the University’s research profile and strengthen our academic programs in areas that are of significant economic, social, and political importance to the state and beyond. The Center has five years of initial external funding so is established at minimal cost to the University, and operates in an area with significant potential for ongoing external funding.

D. Consistency with the Comprehensive Statewide Plan for Post-Secondary Education

This Center supports and enhances several of the Statewide Plan for Post-Secondary Education’s major goals. Technology has come to affect almost every area of modern life – across economic, social, and political dimensions. Given technology’s broad impacts, it is unsurprising that a Center designed to study these impacts has the potential to have significant impacts across many areas touched upon by the Statewide Plan.

In general, the Center will facilitate important work that is not currently feasible at the University and that has international, national, regional, state, and local impacts. This includes both high-impact interdisciplinary research that will raise the University’s research profile as well as the development of novel interdisciplinary

classes and other student opportunities. These academic programs will benefit the University and state both through workforce and economic development as well as by equipping students to be more sophisticated participants in areas of significant social and political discourse. Any course would be developed following standard university procedure, housed within an existing academic department, and approved as necessary by the College of Law Curriculum Committee and Faculty, Undergraduate Curriculum Committee, or Graduate Council.

E. Evidence of Need and Demand

The challenges created by changing technology are not limited to any one field – let alone to the expertise of any one College or Department. Relevant questions range from how and whether we should (or even can) regulate technology to how engineers should think about technological risk and design new technological systems that have the potential to disrupt existing social, political, and legal norms. Along these two dimensions, a small number of law schools around the country have developed, or are developing, programs that bring together law and engineering faculty. This program also brings in the College of Business, to understand the economic and business reality of changing technology – all technology is developed and commercialized against a complex economic and compliance background.

No one of these disciplines is able to study the questions at the heart of this Center without concerted engagement from the others.

Similarly, students working in these areas are entering an inherently interdisciplinary field. There is significant recognition today that those developing (and who have developed) contemporary technology benefit from broader perspectives and need to understand the legal and regulatory systems that their technologies may potentially disrupt. In turn, lawyers and policy makers need to understand the economic and business realities that affect the viability of commercialization and adoption of technologies that engineers are developing. And, business makes up a third leg of this stool.

In addition, establishment of this Center will create a focal point for this sort of work at the University. This will allow it to be a hub both for external and internal collaboration. There is significant research and commercial interest in endeavors such as this. Establishing this program as a Center will amplify the program's ability to secure ongoing external support and develop future partnerships. And as those connections grow, having been established as a Center will allow this program to develop further collaborations with other Colleges and Departments across the University.

F. Organizational Structure and Administration

The Center will be housed within the College of Law and will involve faculty from other Colleges and Departments. At its initial scale achieved in Year 3 the Center will involve the faculty director, who will be a tenured faculty member in the College of Law; a total of two tenure-line faculty (future hires); a non-tenure track researcher or visiting faculty member; and two staff members, an Executive Director and a Communications and Events coordinator. The tenure-line faculty will be housed within the College of Law, though the two new lines will have partial teaching and research responsibilities in other Colleges. The faculty will be hired through the ordinary faculty hiring process, requiring law faculty approval, with input from other Colleges as appropriate for each line's teaching responsibilities.

The Center will be led by a faculty-level Director (Associate Professor and current co-Director of the Space, Cyber, and Telecom Law Program, Justin (Gus) Hurwitz) and a non-faculty Executive Director, who will be responsible for day-to-day operations and programmatic development and implementation decisions. Decisions relating to hiring, significant budgetary decisions, and those affecting University faculty and staff will be supervised by the Dean of the College of Law.

In its first year, the Center will stand up an outside academic advisory board made up of recognized academic and other leaders with expertise relevant to the Center's mission. These individuals will be asked to provide guidance to the program and will be tasked with conducting periodic reviews of the program, including the five- to seven-year reporting requirement to the Board of Regents.

G. Partnerships with Business

No partnerships with business are currently contemplated through this Center. These are, however, fields with significant academic engagement from the technology and communications business communities. It is reasonable to anticipate that these communities will seek out the Center for various forms of partnership – and that these opportunities will include opportunities for engagement between firms operating at the state and national level.

H. Collaborations with Higher Education Institutions External to the University

There is a small but vibrant community of legal scholars working in these fields, and a significantly smaller number of law schools engaged with them. This Center has the potential to be a significant hub for these issues within the legal academy. Professor Hurwitz, the Center's initial faculty director has a history of significant engagement with this community.

This Center also has significant opportunity for engagement across the broader academy. Few, if any, programs currently exist that bring together law, business, and engineering perspectives to study the interplay between regulation and technology. This Center will likely create significant opportunity for external collaboration.

I. Constituencies to be Served

This Center will study issues of broad economic, social, and political importance. It will do this both through a faculty-focused and a student-focused programs. The faculty focused programs include facilitating collaborations through regular workshops, conferences, and research roundtables. These events, especially in the earlier years of the program, will consciously endeavor to incubate interdisciplinary interactions between faculty across the University. The student-focused programs will include an interdisciplinary research seminar and other future classes. These classes are consciously intended to develop a new cohort of graduate-level students that will have fundamentally interdisciplinary approach to thinking about the role of technology in contemporary society.

J. Anticipated Outcomes, Significance, and Specific Measures of Success

Intended Impacts: The goal of the Center is to foster the neutral interdisciplinary study of the relationship between regulation and changing technology – with the ultimate goal of developing identifiable faculty and student cohorts engaged with this work as a new field of study growing out from interdisciplinary fields. Programmatically, this includes the production of scholarship, both directly by individual faculty and indirectly by hosting events such as conferences, roundtables, and workshops that influence broader scholarship, as well as the establishment of novel classes, both advanced undergraduate and graduate level and other student-focused academic programs. These student-focused programs will engage with professional, graduate, and advanced undergraduate students, generally drawing from the same (and, in principle, additional) academic units and disciplines as those from which the Center will draw faculty engagement.

Measures of Success: Successful implementation of the Center would be demonstrated in several ways, including:

- Faculty productivity and engagement in the subject matter of the Center. This includes successful progression through academic ranks by faculty associated with the Center, production of scholarship and other research activity by faculty affiliated with the Center, and widespread engagement with

the Center's work.

- Successful conferences and roundtables organized and hosted by the Center. The Center contemplates hosting 2-4 research-focused events each year, hosted at the University or elsewhere. These events will typically bring 15-30 researchers together to present and share research on subjects relating to the Center's work, and should involve both a core cohort of faculty who regularly participate in these events as well as a regular inflow of new faculty. In the earlier years of the Center, success of these programs will be established primarily by virtue of them happening; in later years success will be established by their influence on the production of scholarship relating to the Center's mission.
- Participation in workshops and other visiting speakers. The Center will also establish a new workshop series and host other visiting speakers. The workshop series will be a forum for faculty both in residence and at other academic institutions to share their work relating to the mission of the Center, both to bring their ideas to the Center and to engage with Center-affiliated faculty in the further development of those ideas. In addition, the Center will bring in multiple speakers each year to engage with students on topics designed to promote student engagement and interest in careers and research related, or cognate, to the Center's mission.
- Interdisciplinary academic programming. By its third year, Center faculty will be teaching at least one, interdisciplinary, Center-related class – a student research seminar, bringing together students from Business, Engineering, and Law – in addition to other classes related to the Center's mission.
- Faculty engagement. The Center's initial scope calls for a faculty director (a tenured faculty member in the College of Law), two new tenure-line faculty, and a non-tenure track research or visiting faculty member. In addition, it contemplates 10-15 in-residence affiliated faculty from the University and another 5-15 non-resident affiliated faculty. All affiliated faculty – and especially those at the University – are expected to have regular engagement with the Center's work and programs.
- Student engagement. The Center is also intended to have significant student engagement. This includes students engaging both through classes as well as through a student fellows program.

Timetable and Evaluation: Implementation of the Center will occur over several years, so its evaluation should be approached accordingly.

- First two years: The Center's primary goals over its first two years will be to start developing (primarily in-residence) faculty and student engagement, including substantial progress in hiring two tenure-line faculty and the non-tenure track research or visiting faculty member, developing an initial cohort of in-residence faculty affiliates, and to begin the Center's programming, including hosting 1-3 conferences or roundtable-style events each year and the development of the Center's workshop series. In addition, the Center will begin establishing a nationally-recognized brand through engagement with other faculty and conferences hosted across the country.
- Years three and four: In its third and fourth year, the Center should be "hitting its stride," building on the programs developed and normalized in its first two years and beginning to operate at scale. In addition, by year three the Center should begin teaching at least one Center-specific class drawing an interdisciplinary cohort of students.
- Years five and beyond: By the fifth year of operation, the Center should be operating at scale as a nationally-recognized research program and with ongoing faculty student and faculty interest and engagement. By this point, the Center should be identifying sources of ongoing external support and funding to ensure continued future operations.

- Evaluation: In its first year, the Center will establish an outside academic advisory board comprising recognized academic and other leaders with expertise relevant to the Center's mission. Among other things, this board will be tasked with providing an annual review and assessment of the Center's operations. In addition, the Center will undergo a periodic, 5 to 7-year, review through the University and reported to the Board of Regents.

K. Potential for the Center to contribute to Society and Economic Development

The importance of the Center's mission is largely self-evident: over the past century – and especially since the advent of the transistor and modern computers – technology has reshaped society and will continue for the foreseeable future. Understanding how and whether we can or should regulate these technology or the changes that that they drive is incredibly important to society. Interdisciplinary research initiatives such as this Center are necessary to study these questions. To date, there has been remarkably little work of any significance done in these areas, precisely because it is exceptionally difficult to overcome the inertia of existing disciplinary institutional designs in order to engage in meaningful interdisciplinary work.

Subject matter within the scope of the Center's mission includes, for instance: regulation of online platforms; freedom of speech and democratic principles online; the role of technology in contemporary politics and journalism; equal access to online and information resources; cybersecurity; regulation of distributed and non-centralized infrastructure; cryptocurrencies and banking regulation; regulation of technologies designed to be, or that are otherwise, difficult to regulate; regulation of agricultural technology; algorithmic and machine learning-based regulation; effects of disruptive technologies (e.g., synthetic biology, nanotechnology, IoT) on social, economic, and legal institutions; regulation of biotechnology.

Importantly, the goal of the Center is not to produce expertise in any one of these areas. Rather, it is to produce a cohort of faculty and students with a generalized expertise that is needed to engage in all of them – and, in particular, to do so by identifying and answering questions that would not be recognized by researchers with narrow expertise in any one of them.

L. Adequacy of Resources:

1. Faculty/Staff

At its initial scale, the Center will comprise three core tenure-line faculty (tenure homes in the College of Law), a non-tenure track research or visiting faculty member, and two staff members. In addition, over its first two years the Center will develop a cohort of faculty affiliated engaged with the Center's work from across the University, visiting faculty, and post-docs and similar positions.

The tenure-line faculty will be housed in the College of Law, and will include Associate Professor Justin (Gus) Hurwitz (faculty director) and two future hires initially funded through the Center. The non-tenure track research or visiting faculty member will be housed in the College of Law, or in the Center. In the case of a non-tenure track research faculty member housed in the Center, an MOU with an academic department will be in place regarding evaluation and promotion.

The Director's administrative stipend and a course buyout, as well as the full salary and benefits for the new faculty and staff lines will be funded by the private donations for up to five years, or as long as external funding sources remain soluble. The two new tenure-track faculty lines will be permanently budgeted and paid for jointly by the Colleges of Law, Business, and Engineering, most likely beginning in the sixth year (2023-2024). Each line will have teaching obligations in the Colleges of Law, Business or Engineering and will have research and service obligations typical of tenure-line faculty. The teaching apportionment will be agreed on by the college deans and department chairs in business and engineering through an MOU at the time of hire, which can be reevaluated as needed. The annual teaching assignments will be determined by the department chairs or College of Law dean, based on what has been agreed on in the MOU.

The search for the first new tenure-track faculty position was authorized by Executive Vice Chancellor Donde Plowman in May 2019 and is underway. The position is slated to start in the 2020-2021 academic year, subject to approval of the Center by UNL's Academic Planning Committee, the University of Nebraska Board of Regents, and the Nebraska Coordinating Commission for Postsecondary Education.

The Center staff will include an Executive Director and a Communications and Events Coordinator. The Executive Director will be reassigned from current duties in the Space Law program, upon creation of the Center and with approval by Human Resources and Institutional Equity and Compliance. The search for a communications and events coordinator will commence upon approval of the Center by the Board of Regents and the Nebraska Coordinating Commission for Post-secondary Education. Both positions will be fully funded by private donations for five years.

In addition, the Center includes private funding to support stipends for affiliated faculty and for occasional visiting faculty and post-docs.

2. Physical Facilities and Equipment

No additional physical facilities are needed. The Center will be housed in existing space at the College of Law. Private funding will cover modest renovations for the current space, estimated at \$15,000. Any additional equipment beyond computers for new hires will be provided as in-kind support by the College of Law.

3. Budget Projections *[includes Table 1 and Table 2]*

In addition to the faculty, staff, visiting faculty, post-doc, and affiliated faculty stipends, the private funding will support an annual general operating budget, and the cost for equipment and space renovations. The operating budget includes the costs associated with center activity such as the seminars, workshops, conference, research, guest speakers, and general support of the operations and daily activities. Additional details are outlined in Tables 1 and 2.

EMPLOYMENT

U. Nebraska College of Law	
Associate Professor of Law	Aug 2018 – Present
Co-Director, Space, Cyber, and Telecom Program	Jan 2017 – Present
Assistant Professor of Law	June 2013 – Aug 2018
U. Pennsylvania Law School	July 2011 – June 2013
Fellow (post-doc), Center for Technology, Innovation and Competition	
George Mason University Antonin Scalia Law School	Jan 2011 – June 2011
Visiting Assistant Professor	
United States Department of Justice, Antitrust Division	2007-2010
Telecom & Media Section, Trial Attorney	
Los Alamos National Lab, Computer & Computational Sciences	
Graduate Technical Researcher	May 2003 – Dec 2004
Undergraduate Technical Researcher	Feb 2002 – May 2003

EDUCATION

University of Chicago Law School	J.D., June 2007
Fellowships & Journals	MVP2 Law and Economics Fellowship John M. Olin Law and Economics Student Fellowship Chicago Journal of International Law
George Mason University, Economics Department	M.A., May 2011
St. John's College, Annapolis, MD, and Santa Fe, NM	B.A., May 2003
Awards	Best Original Mathematics Paper, 2003 Outstanding Contributions to the College Community, 2003 Best Solution to an Analytical Mathematics Problem, 2001 Best Solution to a Geometrical Mathematics Problem, 2001

AFFILIATIONS & APPOINTMENTS

International Center for Law and Economics, Academic Affiliate	2013 – 2017
Director, Law & Economics Programming	2018 – Present
NYU School of Law, Program Affiliate Scholar	2018 – Present
Classical Liberal Institute	
Antonin Scalia Law School, Visiting Fellow	2017 – Present
National Security Institute	
American Enterprise Institute, Visiting Fellow	2013 – 2017
Center for Internet, Communications, & Technology Policy	

TEACHING

Administrative Law, Cyberlaw, Cybersecurity, Law & Economics, Principles of Regulation, Torts, Telecommunications Law and Policy, US & EU Internet and Telecom Law

SELECT SCHOLARLY PUBLICATIONS

Law Reviews and Legal Journals

- *Post-Cartesian Antitrust*, NEB. L. REV. (forthcoming 2019) (symposium).
- *Madison and Shannon on Social Media*, BUS., ENTREPRENEURSHIP, & TAX L. REV. (forthcoming 2019) (symposium).
- *McGeveran's The Duty of Data Security: Not the objective duty he wants, Maybe the subjective duty we need*, 109 MINN. L. REV. HEADNOTES 139 (2019).
- *Chevron's Political Domain: W(h)ither Step Three?*, 68 DEPAUL L. REV. 615 (2019).
- *Telemarketing, Technology, and the Regulation of Private Speech*, 84 BROOK. L. REV. 1 (2019).
- *Big Tech's Big-Time, Big-Scale Problem*, CATO POLICY REPORT 1 (May/June 2018) (with Geoff Manne).
- *Fake News's Not-So-Real Antitrust Problem: Content Remains King*, 13 ANTITRUST CHRON. (Dec. 19, 2017).
- *Cyberensuring Security*, U. CONN. L. REV. (2017) (symposium).
- *Encryption^{Congress} mod (Apple + CALEA)*, 30 HARV. J. LAW & TECH. 355 (2017).
- *Blacklining The FCC's Editorial Privilege*, 23 MICH. TELECOM & TECH. L. REV. 149 (2016).
- *Data Security and the FTC's UnCommon Law*, 101 IOWA L. REV. 955 (2016).
- *The Practical Power of the Commission's UMC Statement*, 11 ANTITRUST CHRON. (Nov. 30, 2015).

- *Net Neutrality: Something Old; Something New*, 2015 MSU L. REV. 665 (2015) (symposium).
- *Chevron and the Limits of Administrative Antitrust*, 76 U. PITT. L. REV. 209 (2014).
- *Administrative Antitrust*, 21 GMU L. REV. 1191 (2014) (symposium).
- *Trust and Online Interaction*, 161 U. PA. L. REV. 1579 (2013) (competitively selected symposium).
- *Network Neutrality and Neighbor Billing*, 11 VA. J.L. & TECH. 9 (2006).

Book Chapters

- *Classical Liberalism and the Problem of Technological Change* in THE CAMBRIDGE HANDBOOK OF CLASSICAL LIBERAL THOUGHT (Todd Henderson, ed., Cambridge 2018) (with Geoff Manne).
- *Telecommunications Competition Law vs. Policy in the United States* in COMPETITION LAW IN TELECOMMUNICATIONS MARKETS: KEY REGULATORY CHALLENGES (Sandra Marco Colino, ed, Wolters 2018).
- *Satellite Harmful Interference: A US Perspective* in HARMFUL INTERFERENCE IN REGULATORY PERSPECTIVE: LEGAL RULES FOR INTERFERENCE-FREE RADIO COMMUNICATION (Mahulena Hoffman, ed., Ashgate 2016).

Books in Progress

- *Cybersecurity: An Interdisciplinary Problem* (with Derek Bambauer and David Thaw).

Technical Journal/Periodical/Conference

- Gus Hurwitz and Wu-chun Feng, Peer-reviewed Research Note, *Analysing MPI Performance over 10-gigabit Ethernet*, 65 J. PARALLEL AND DISTRIBUTED COMPUTING 1253 (2005).
- Gus Hurwitz and Wu-chun Feng, Invited Article, *End-to-End Performance of 10-Gigabit Ethernet on Commodity Systems*, 24 IEEE MICRO 10 (2004).
- Wu-chun Feng, Gus Hurwitz, et al., Invited Paper, *Optimizing 10-Gigabit Ethernet for Networks of Workstations, Clusters, and Grids: A Case Study*, PROC. 15TH SUPERCOMPUTING (2003).
- Gus Hurwitz and Wu-chun Feng, Peer-reviewed Paper, *Initial End-to-End Performance Evaluation of 10-Gigabit Ethernet*, PROC. 11TH HOT INTERCONNECTS CONF. (2003).
- Mark K. Gardner, et al., Peer-reviewed Paper, *Online Monitoring of Computing Systems with MAGNET*, PROC. 3RD IEEE/ACM SYMP. CLUSTER COMPUTING AND THE GRID (2003).
- Les Cottrell, et al. [first author, second line], Peer-reviewed Paper, *High Performance Wide Area Network Testbed: Experiences and Results*, PROC. CONF. FOR HIGH ENERGY PHYSICS 2003 (2003).

Publications omitted from this CV

- Practice-related publications, such as comments to federal agencies, legal briefs, whitepapers
- Popular press publications, such as op-eds
- Blogging and other short-form publications, such as with *AEIdeas*, *TechPolicyDaily*, and *Truth on the Market*

CONFERENCES & OTHER EVENTS ORGANIZED

- Co-Organizer, inaugural Cybersecurity Law and Policy Scholars Conference, 5/2020.
- Organizer, inaugural Governance and Technology Conference, 4/2020.
- Organizer, *Annual Lincoln Telecommunications Conference*: 3/2020, 4/2019, 4/2018, 3/2017, 10/2016.
- Co-Organizer, *Nebrooklyn Law & Technology Jr. Scholars Workshop*: 3/2019, 2/2018, 2/2017, 3/2016, 12/2014, 11/2013.
- Co-Organizer, *FCC-AEI-UNL Conference on Regulating the Evolving Broadband Ecosystem*, 9/2014.

KEYNOTES, TESTIMONY, FEATURED SPEAKER, &C

(20+) (OMITTED FROM THIS CV)

OTHER ACADEMIC PRESENTATIONS, CONFERENCES, COLLOQUIA, &C

(100+) (OMITTED FROM THIS CV)

PRESS APPEARANCES, QUOTES, &C

(80+) (OMITTED FROM THIS CV)

AWARDS & RECOGNITION

Nebraska College of Law, <i>Ray H. Bunger Memorial Award for Excellence</i>	2019
National Law Journal, <i>Cyber Security & Data Privacy Trailblazer</i>	2015
U. of Pennsylvania Law Review, Symposium Scholar, <i>The Evolving Internet</i>	2012
US DOJ Libraries, <i>Recognition for Contributions to Legal Scholarship</i>	2010
Jones Day, Swope Antitrust Writing Competition.	2007
Federal Lab Consortium, <i>Award for Excellence in Technology Transfer</i>	2005 (team)
R&D Magazine, R&D 100, <i>Award for technologically significant innovation</i>	2004 (team)
Los Alamos National Lab, <i>Recognition for 10GbE Innovations</i>	2004 (team)
IEEE & ACM, SuperComputing Bandwidth Challenge, <i>Sustained Bandwidth Award</i>	2003 (team)
Guinness Book of World Records, <i>Internet2 Land Speed Record</i>	2003 (team)
Los Alamos National Lab, <i>Recognition for Internet2 Work</i>	2003 (team)
Internet2 consortium, <i>Internet2 Land Speed Record, Single & Multiple Stream Class</i>	2003 (team)

**TABLE 1: PROJECTED EXPENSES - NEW ORGANIZATIONAL UNIT
Nebraska Governance and Technology Center**

	(FY 2021*) Year 1		(FY 2022) Year 2		(FY 2023) Year 3		(FY 2024) Year 4		(FY 2025) Year 5		Total ⁶ Cost
	FTE	Cost	FTE	Cost	FTE	Cost	FTE	Cost	FTE	Cost	
Personnel											
Faculty ¹	0.5	\$77,760	2.5	\$325,944	3.5	\$476,653	3.5	\$488,569	3.5	\$500,783	\$1,869,709
Non-teaching staff: Professional ²	1.0	\$109,920	1.0	\$112,668	1.0	\$115,485	1.0	\$118,372	1.0	\$121,331	\$577,776
Graduate Assistants	1.0	\$24,641	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0	\$24,641
Non-teaching staff: Support	0.0	\$0	1.0	\$78,050	1.0	\$80,001	1.0	\$82,001	1.0	\$84,051	\$324,103
Subtotal	2.5	\$212,321	4.5	\$516,662	5.5	\$672,139	5.5	\$688,942	5.5	\$706,165	\$2,796,229
Operating											
General Operating ³		\$265,000		\$385,200		\$482,700		\$507,700		\$507,700	\$2,148,300
Equipment ⁴		\$15,000		\$10,000		\$5,000		\$0		\$0	\$30,000
New or Renovated Space ⁵		\$15,000		\$0		\$0		\$0		\$0	\$15,000
Library/Information Resources		\$0		\$0		\$0		\$0		\$0	\$0
Other		\$0		\$0		\$0		\$0		\$0	\$0
Subtotal		\$295,000		\$395,200		\$487,700		\$507,700		\$507,700	\$2,193,300
Total Expenses		\$507,321		\$911,862		\$1,159,839		\$1,196,642		\$1,213,865	\$4,989,529

* Year 1 expenses may include some of the start-up expenditures in FY20 if the Center is approved prior to the end of the FY20.

¹ Includes Faculty Director, two new tenure-track faculty, and visiting and/or non-tenure track research faculty; includes salary and benefits, and 2.5% annual increase.

² Executive Director; includes salary and benefits and 2.5% annual increase.

³ Includes center activity for seminars, workshops, conference, research, and guest speakers and general support of operations and daily activities.

⁴ Computers for new hires.

⁵ Existing space in the College of Law will be utilized. Modest renovations to accommodate the center is planned.

⁶ Assumes annual inflation of personnel salaries and wages of 2.5%.

**TABLE 2: PROJECTED REVENUES - NEW ORGANIZATIONAL UNIT
Nebraska Governance and Technology Center**

	(FY 2021) Year 1		(FY 2022) Year 2		(FY 2023) Year 3		(FY 2024) Year 4		(FY 2025) Year 5		Total
	FTE	Cost	FTE	Cost	FTE	Cost	FTE	Cost	FTE	Cost	
Reallocation of Existing Funds											
Required New Public Funds											
1. State Funds											
2. Local Funds											
Tuition and Fees ¹											
Other Funding											
Earnings from three funds established by private donors ²		\$1,100,000		\$1,100,000		\$1,100,000		\$1,100,000		\$1,100,000	\$5,500,000
Total Revenue³		\$1,100,000		\$1,100,000		\$1,100,000		\$1,100,000		\$1,100,000	\$5,500,000

¹ No tuition and fee revenues will be assigned to the Center. The modest tuition revenue from courses will be assigned to the student's college or faculty member's college, per standard university procedure or as committed to in an MOU between the partnering colleges.

² Earnings from three funds established by private donors.

³ Revenues are not expected to match expenses, but funds received from the gift in the early years will continue to support the Center's work in ongoing years.

TO: The Board of Regents Addendum X-A-2
Academic Affairs

MEETING DATE: February 7, 2020

SUBJECT: Establishment of the Nebraska Governance and Technology Center at the University of Nebraska-Lincoln (UNL)

RECOMMENDED ACTION: Approval is requested to establish the Nebraska Governance and Technology Center to be primarily housed in the College of Law, but with initial partnerships in the College of Business and College of Engineering at UNL

PREVIOUS ACTION: None

EXPLANATION: Innovative and emerging technologies are of vital and increasing importance for both Nebraska and the nation. Such technologies offer great potential to continue the improvements to the quality of life and individual wellbeing that defined the 20th century. They also pose some of the greatest challenges that our country has ever faced – from reshaping the relationships between individuals and their communities and those between state and federal government, to contributing to the erosion of critical norms of civility.

The purpose of the Nebraska Governance and Technology Center is to establish a novel, interdisciplinary, research program at the University of Nebraska to study the relationship between technology, society, and government, with a goal of understanding the challenges that changing technology creates for legal institutions, and how those institutions can adapt to changing technology.

The Nebraska Governance and Technology Center will produce a cohort of in-residence faculty and a cohort of students initially across the colleges of Law, Business, and Engineering, as well as a cohort of faculty across the policy-focused legal academy, all of whom study the relationship among technology, business, society, and government on a transdisciplinary basis.

The University of Nebraska Foundation will receive a five-year \$5.5 million private grant to establish this Center on behalf of the College of Law, which will include faculty with teaching obligations in, and students from, the Colleges of Business, Engineering, and Law. Additional external funding is likely to continue this important work beyond this initial gift.

This proposal has been reviewed by the Council of Academic Officers; it also has been reviewed by the Academic Affairs Committee.

PROGRAM COST: \$507,321 for Year 1; \$4,989,529 over five years

SOURCE OF FUNDS: University of Nebraska Foundation funds

SPONSORS:

Richard E. Moberly
Interim Executive Vice Chancellor and Chief Academic Officer

Ronnie D. Green, Chancellor
University of Nebraska-Lincoln

RECOMMENDED:

/s/ Susan M. Fritz
Executive Vice President and Provost

DATE:

January 10, 2020



January 9, 2020

Susan Fritz, Executive Vice President and Provost
University of Nebraska
3835 Holdrege Street
Lincoln, NE 68588

Dear Susan,

This letter replaces a similar letter addressed to David Jackson, Interim EVP, dated November 4, 2019, by which I forwarded materials relating to a proposal to formally establish the Nebraska Governance and Technology Center (previously referred to as the NU Governance and Technology Center). The program will be primarily housed in the College of Law, but with initial partnerships in the Colleges and Business and Engineering.

The Center will focus on the relationship among technology, business, society, and government related to the multidisciplinary issues surrounding the development, commercialization, and regulation of new technologies.

This proposal has the approval of the Vice Chancellor for Research and Economic Development, faculty and deans from the Colleges of Law, Engineering and Business, and the Academic Planning Committee. The Office of the Executive Vice Chancellor will support the future hiring priorities as outlined in the proposal and approves the use of vacant faculty funding for tenure-line faculty beginning in FY25, if necessary. This proposal has my approval and I am requesting you approve it as well.

Sincerely,

A handwritten signature in black ink, appearing to read 'Ronnie D. Green', written over a circular stamp.

Ronnie D. Green, Ph.D.
Chancellor

- c: Jennifer Clarke, Chair, Academic Planning Committee
- Richard Moberly, Interim Executive Vice Chancellor
- Kathy Farrell, Dean, College of Business
- Lance Perez, Dean, College of Engineering
- Gus Hurwitz, Co-Director, Space-Cyber-Telecommunication Program, College of Law
- Mike Zeleny, Associate to the Chancellor and APC Secretary
- Renee Batman, Assistant Vice Chancellor
- Suzi Tamerius, Project Coordinator
- Karen Griffin, Coordinator of Faculty Governance