University of Nebraska-Lincoln

2015 Peer Group

Approved by the Commission August 20, 2015





COMMISSIONERS

Carol A. Zink, Chair (Lincoln)

W. Scott Wilson, Vice Chair (Papillion)

Colleen A. Adam (Hastings)

Dr. John Bernthal (Lincoln)

Dr. Deborah Frison (Omaha)

Dr. Ron Hunter (Hay Springs)

Mary Lauritzen (West Point)

Dwayne Probyn (Papillion)

Eric Seacrest (North Platte)

Dr. Joyce Simmons (Lincoln)

Lori Warner (South Sioux City)

Dr. Michal Baumgartner, Executive Director

Coordinating Commission for Postsecondary Education

140 N. 8th Street, P.O. Box 95005, Lincoln, NE 68509-5005 Phone: (402) 471-2847 · FAX: (402) 471-2886

The Commission's reports are available online at www.ccpe.ne.gov.

The Coordinating Commission for Postsecondary Education does not discriminate on the basis of race, color, national origin, sex, religion, age or disability in the employment or the provision of services.

Table of Contents

Purpose for Developing Peer Groups	1
Evaluation Process	2
Data Sources	2
Initial Cohort	2
Threshold Approach: Phase I	2
Adding Institutions to Cohort	5
Table 1: Threshold Approach: Phase I Summary	5
Table 2: University-Selected Peers Removed from Consideration during Threshold Approach	6
Individual Institution Analyses	7
Table 3: Institutions Removed from Consideration during Individual Institution Analyses	7
Table 4: Proposed Peers	8
Table 5: Proposed Alternates	8
Table 6: Potential Replacements	9
Institutional Feedback	.10
Suitability Over Time	.10
Table 7: Final Peer Group for UNL	.10
Appendix A - Classification of Instructional Programs (CIP) Codes Discipline Clusters	.12
Appendix B - Program Mix Similarity Score Calculation	.14
Appendix C - Threshold Approach Criteria	.15
Appendix D – Location of UNL's Peers	.29

Purpose for Developing Peer Groups

Neb. Rev. Stat. § 85-1413(5)(g) requires that Nebraska's Coordinating Commission for Postsecondary Education establish peer groups for public institutions in Nebraska. The *Comprehensive Statewide Plan for Postsecondary Education* further defines the Commission's purpose for establishing peer groups for Nebraska public colleges and universities as follows:

Peer Groups

A peer institution is one that is representative of the institution to which it is compared. The Commission is required by statute to identify peer institutions for each public postsecondary education institution in the state. The Commission reviews and compares several characteristics of institutions, such as (size) and program offerings, in identifying peers. Peer groups are used for budget and program review, as well as for other comparisons that will aid in Commission decision making. The Commission's purpose for the use of peer groups does not include influencing the collective bargaining process.

New peer groups for Nebraska's Community Colleges and State Colleges were approved by the Commission in 2014. Selection of peer groups for the four University of Nebraska campuses was last conducted in 1993. Since institutions can change over time, the Commission deems it necessary to develop updated peer groups for each University of Nebraska campus. The peer groups will be used by the Commission during program reviews, budget recommendations, tuition and fees comparisons, and facility analyses.

For the Commission's purposes, *peer institutions* are defined as institutions sufficiently similar in mission, programs, size, students, wealth, etc., and are used to establish basic central tendencies. *Aspirational institutions* in some ways excel the target institution, which would like to emulate the aspirational institutions' accomplishments and set similar goals.¹ Commission peers will not include aspirational institutions.

The following report details the process by which the Coordinating Commission selected peer institutions for the University of Nebraska-Lincoln (UNL).

¹ Kent Halstead, *Higher Education Revenues and Expenditures: A Study of Institutional Costs*, May 1991.

Evaluation Process

Data Sources

Unless noted otherwise, data collected by the Integrated Postsecondary Education Data System (IPEDS) in 2013-2014 (for the 2012-2013 academic year and fall 2013 semester) served as the primary source of data during the Commission's evaluation process. To obtain a more accurate snapshot of the program offerings at each institution, the Commission aggregated two-digit Classification of Instructional Programs (CIP) codes into seven discipline clusters and analyzed the average number of completions within each category, as well as each award level over three academic years (2010-2011, 2011-2012, and 2012-2013). See Appendix A for a description of each CIP aggregation.

Initial Cohort

The Commission identified the following fundamental criteria to develop an initial list of 705 potential peer candidates:

- Reported to IPEDS in 2013-14 (number of institutions remaining: 7,764)
- Within United States (7,595)
- Under public control (2,011)
- Classified as "Public, 4-year or above" in IPEDS (706)
- Removal of UNL from cohort (705)

Among the 73 public universities classified by the Carnegie Institute as conducting very high research activity, only 37 institutions - including UNL - do not grant advanced medical degrees in the fields of medicine, dentistry, or osteopathy.

Granting advanced medical degrees has a tremendous influence on an institution's characteristics. For example, due to equipment, faculty, and administrative costs, advanced medical degrees are among the most expensive programs for institutions to offer and usually result in considerable tuition and fees for students. Moreover, advanced medical degree programs often coincide with substantial medical science research.

To allow for better comparisons with UNL, the Commission, using available health science data, removed advanced medical degree completions and accompanying medical science research from these institutions' totals during its analysis.

Threshold Approach: Phase I

Focusing on variables reflecting UNL's essential institutional characteristics, the Commission adopted a threshold approach to reduce the number of potential peer candidates. Those institutions not matching on identified important categorical criteria or falling outside Commission-established parameters for numeric variables were withdrawn, at least temporarily, from consideration.

Outcome variables such as graduation rates and retention rates were not included in the Commission's analysis. Focusing instead on criteria affecting these outcomes, the Commission began screening institutions using the following variables:

Carnegie Classification 2010 Basic

UNL: Research University (very high research activity)

CCPE criteria: Research Universities (very high research activity) or Research Universities (high research activity)

Number of institutions remaining: 145

The Carnegie Foundation's classification system helps identify institutions with similar program offerings, sizes, and academic missions. UNL is classified as a Research University with very high research activity, indicating it grants at least 20 research doctoral degrees (excluding professional practice doctorates such as medical degrees) and conducts a large degree of research as part of its mission. To limit its search to institutions conducting similar types and amounts of research, the Commission removed institutions not classified as conducting high or very high research activity.

Fall enrollment

UNL: 24,445

CCPE criteria: 20,000 – 40,000 Number of institutions remaining: **78**

An institution's enrollment size affects countless important institutional characteristics, including facility usage, tuition income, student-to-faculty ratios, and program offerings.

Percentage of 12-month enrollment: minorities

UNL: 10.6%

CCPE criteria: <30%

Number of institutions remaining: 50

Stemming from higher incidence of poverty, lower parental educational attainment, and greater likelihood of attending low-performing K-12 schools, many minority students require additional academic, financial, and social supports to be successful in postsecondary education compared to white non-Hispanic students. Only a small portion of UNL's 2013 fall enrollment (10.6%) was from minority racial or ethnic groups.

Weighted undergraduate + graduate program mix similarity score

UNL: 0

CCPE criteria: <8.5

Number of institutions remaining: 43

Comparable degree offerings demonstrate similar institutional missions and program costs. To aid in its evaluation, the Commission developed a calculation for measuring undergraduate and graduate program mix similarities. For each of the seven CIP clusters, the Commission squared the difference between UNL's percentage of degrees granted and each institution's percentage. (To reduce the differences arising solely based on health science schools, the Commission removed doctoral degrees in medicine, pharmacy, and osteopathic medicine from each

institution's graduate calculations.) The Commission then summed the squares, with the institution possessing the lowest resulting score representing the closest match to UNL's program mix.

To enable a more comprehensive comparison of an institution's program offerings, the Coordinating Commission also developed a calculation that combines each institution's undergraduate and graduate program mix scores into a single, weighted score based on each institution's enrollment characteristics. The Commission multiplied the undergraduate and graduate program mix similarity scores discussed above by the percentage of students enrolled at the corresponding level and then summed the two subsequent numbers. For example, if an institution's enrollment comprises 75% undergraduate students and 25% graduate students, its undergraduate similarity score would by multiplied by .75 and its graduate score by .25.

For a more detailed explanation, see Appendix B.

Weighted undergraduate + graduate STEM program mix similarity score

UNL: 0

CCPE criteria: <10

Number of institutions remaining: 33

Of the seven CIP clusters, STEM degrees represent the highest proportion of awards granted at UNL at both the undergraduate and graduate levels. Moreover, research conducted in the various STEM fields, specifically science and engineering, dominates UNL's research portfolio.

Because of STEM's importance to UNL's academic and research mission, the Commission applied the same concept and formula discussed above to STEM awards. Using the 11 two-digit CIP codes that comprise the STEM discipline cluster, the Commission calculated a weighted undergraduate and graduate STEM program mix score to identify institutions with comparable STEM focuses.

Federal research expenditures less medical science research (dollars in thousands)²

UNL: \$104,579

CCPE criteria: \$50,000 - \$210,000 *Number of institutions remaining:* **27**

An institution's ability to obtain highly competitive federal research grants is a strong indicator of its research output and prestige. Using data collected by the NSF in its 2012 Higher Education Research and Development Survey, the Commission set ranges for federal research based on UNL's expenditures. For a more accurate analysis of institutions with health school programs, the Commission deducted amounts classified as medical science research from their overall federal research expenditure totals.

² NSF 2012 Higher Education Research and Development Survey (HERD): http://ncsesdata.nsf.gov/herd/2012/

Number of non-health science PhDs granted (three-year average)

UNL: 286

CCPE criteria: 175-450

Number of institutions remaining: 23

The number of PhDs granted demonstrates the size of an institution's graduate programs as well as its commitment to research-based education. As part of its continuing its effort to identify institutions conducting similar types and amounts of research, the Commission examined the number of research doctorates granted in non-health science fields at each remaining institution.

Located outside of New York and New England (CT, ME, MA, NH, RI, VT)

UNL: Yes

CCPE criteria: Yes

Number of institutions remaining: 20

Along with a higher population density, New England and New York feature a postsecondary academic landscape distinct from the rest of the country as illustrated by the number of private research institutions, large student applicant pools, and physically small service areas.

Adding Institutions to Cohort

At the conclusion of the first phase of the threshold approach, the Commission had narrowed the number of potential peer candidates to 20 institutions. Although each institution removed during the process was initially eliminated because it did not match a particular Commission-identified criterion, it may have been dissimilar on several additional variables. Conversely, there were 12 institutions excluded from consideration that failed to match on only a single criterion. In reevaluating these institutions, the Commission did not find any institutions to be similar enough to add back into its cohort. For a complete list detailing where each institution did or did not match Commission-established criteria or criteria ranges, see Appendix C.

Table 1: Threshold Approach: Phase I Summary

Variable	Criteria	Remaining N
1. Carnegie Classification 2010 Basic	Research Universities (high or very high research activity)	145
2. Fall enrollment	20,000 – 40,000	78
3. Percentage of 12-month enrollment: minorities	<30%	50

4. Weighted graduate + undergraduate program mix similarity score	<8.5	43
5. Weighted graduate + undergraduate STEM program mix similarity score	<10	33
6. Federal research expenditures less medical science (dollars in thousands)	\$50,000 - \$210,000	27
7. Number of non-health science PhDs granted (three-year average)	175 - 450	23
8. Located outside of New England and New York	Yes	20
9. Reinstated institutions		+0

Throughout the process, the Commission paid particular attention to the peers chosen for UNL by the University of Nebraska. The following University-selected peers were removed during the threshold approach. For a complete list detailing where each institution did or did not match Commission-established criteria or criteria ranges, see Appendix C.

Table 2: University-Selected Peers Removed from Consideration during Threshold Approach				
Institution	Disqualifying characteristics:			
Ohio State University-Main Campus	 Fall enrollment = 57,466 (UNL = 24,445) Federal research expenditures less medical science research = \$282,785 (UNL = \$104,579) 			
	3. Number of non-health science PhDs granted, three-year average = 673 per year (UNL = 286)			
Purdue University-Main Campus	 Federal research expenditures less medical science research = \$260,006 (UNL = \$104,579) Number of non-health science PhDs granted, three-year average = 636 per year (UNL = 286) 			

University of Colorado Boulder 2. Feder				
Science	I weighted similarity score = 10.2 (UNL = 0) al research expenditures less medical			
	research = \$330,089 (UNL = \$104,579)			
1. Fall et University of Illinois at Urbana-Champaign	nrollment = 44,942 (UNL = 24,445)			
2. Feder	2. Federal research expenditures less medical science research = \$352,759 (UNL = \$104,579)			
	er of non-health science PhDs granted, ar average = 811 per year (UNL = 286)			
	nrollment = 51,526 (UNL = 24,445)			
	ral research expenditures less medical research = \$237,528 (UNL = \$104,579)			
	per of non-health science PhDs granted, ar average = 698 per year (UNL = 286)			

Individual Institution Analyses

Having reduced the number of potential peer candidates to 20 institutions, the Commission replaced the threshold approach with a more individualized assessment, examining and comparing the attributes of each remaining institution with UNL one by one to find the most suitable peers.

The Commission reduced the number of remaining peer candidates from 20 to the 18 institutions to be sent to the University (10 peers, two alternates, six replacements). The two institutions detailed in Table 3 were removed before the Commission proceeded to evaluate the final 18 institutions.

Table 3: Institutions Removed from Consideration during Individual Institution Analyses Institution Disqualifying characteristics:				
Temple University Philadelphia, Pennsylvania	Rather than public or private school classification, both institutions maintain unique administrative structures that receive public funding			
University of Delaware Newark, Delaware	but are partially governed by an independent board of trustees			

After a series of internal meetings involving considerable discussion and deliberation, the Commission selected the 10 institutions outlined in Table 4 as proposed peers for UNL:

Table 4: Proposed Peers					
Institution	City	State			
Colorado State University-Fort Collins*	Fort Collins	Colorado			
Iowa State University*	Ames	lowa			
Louisiana State University and Agricultural & Mechanical College	Baton Rouge	Louisiana			
University of Iowa*	Iowa City	lowa			
University of Kansas*	Lawrence	Kansas			
University of Kentucky	Lexington	Kentucky			
University of Missouri-Columbia*	Columbia	Missouri			
University of Oklahoma-Norman Campus	Norman	Oklahoma			
University of Tennessee-Knoxville	Knoxville	Tennessee			
Washington State University	Pullman	Washington			
*Designated as a peer of UNL by the University of Nebraska					

Additionally, the Commission proposed the two institutions listed in Table 5 to serve as UNL's alternates, potentially replacing one of the above peers should it evolve to become substantially dissimilar from UNL in the future.

Institution	Disqualifying characteristics:		
Oregon State University Corvallis, Oregon	1. Low composite ACT/converted SAT 25 th percentile score (20) (UNL = 22)		
	2. High proportion of part-time undergraduates (20.2%) (UNL = 6.6%)		
University of Utah Salt Lake City, Utah	1. High proportion of part-time undergraduates (29.3%) (UNL = 6.6%)		

The Commission also offered the six institutions shown in Table 6 for potential replacement of the above peers and/or alternates. Although these institutions were not removed during the threshold approach, the Commission, for a number of reasons, considers these institutions more dissimilar from UNL in comparison to the proposed peers and alternates.

Table 6: Potential Replacements					
Institution	Disqualifying characteristics:				
Auburn University Auburn, Alabama	1. Small degree of federal research expenditures less medical science research (\$54,231) (UNL = \$104,579)				
	2. Carnegie 2010 basic classification = research university with high research activity (UNL = very high research activity)				
Clemson University Clemson, South Carolina	1. Small degree of federal research expenditures less medical science research (\$51,480) (UNL = \$104,579)				
	2. Carnegie 2010 basic classification = research university with high research activity (UNL = very high research activity)				
North Carolina State University at Raleigh Raleigh, North Carolina	1. Large degree of federal research expenditures less medical science research (\$174,758) (UNL = \$104,579)				
	2. Grants large number of non-health science PhDs (three-year average of 434) (UNL = 286)				
Oklahoma State University-Main Campus Stillwater, Oklahoma	Carnegie 2010 basic classification = research university with high research activity (UNL = very high research activity)				
University of Cincinnati-Main Campus Cincinnati, Ohio	1. Small degree of federal research expenditures less medical science research (\$73,866) (UNL = \$104,579)				
Virginia Polytechnic Institute and State University Blacksburg, Virginia	1. Large degree of federal research expenditures less medical science research (\$175,222) (UNL = \$104,579)				
Diagnostig, viigiilia	2. Grants large number of non-health science PhDs (three-year average of 446) (UNL = 286)				
*Designated as a peer of UNL by the University of	Nebraska				

Institutional Feedback

After selecting its proposed peers, alternates, and potential replacements for UNL, the Commission sent its report to the University of Nebraska for its review. If the University of Nebraska had concerns with the peers or alternates selected by the Commission, it had the opportunity to make recommendations, contingent on sufficient rationale, for modifications by substituting of one or more of the proposed peers or alternates with one or more of the alternates, potential replacement institutions, and/or institutions not originally included on the proposed list of 18 institutions.

The University of Nebraska reported no substantive concerns with the Commission's proposed peers for UNL.

Suitability Over Time

The Commission has implemented a five-year evaluation process to ensure the peer group for UNL remains suitable over time. In 2020, the Commission will verify the suitability of the peer groups and make modifications if warranted. Prior to any changes, the Commission will distribute the modified list to the University for its review and recommendations. Additionally, if the University identifies a peer that is no longer viable, it may contact the Commission to ask for a review of the peer group. If the University or Commission identifies no changes, the peer groups will remain valid until 2025, when the Commission will generate new peer groups for the University of Nebraska.

Institution	City	State
Peers	<u> </u>	
Colorado State University-Fort Collins*	Fort Collins	Colorado
Iowa State University*	Ames	Iowa
Louisiana State University and Agricultural & Mechanical College	Baton Rouge	Louisiana
University of lowa*	Iowa City	Iowa
University of Kansas*	Lawrence	Kansas
University of Kentucky	Lexington	Kentucky
University of Missouri-Columbia*	Columbia	Missouri
University of Oklahoma-Norman Campus	Norman	Oklahoma
University of Tennessee-Knoxville	Knoxville	Tennessee
Washington State University	Pullman	Washington

Alternates				
Oregon State University	Corvallis	Oregon		
University of Utah	Salt Lake City	Utah		
*Designated as a peer of UNL by the University of Nebraska				

Appendix A - Classification of Instructional Programs (CIP) Codes Discipline Clusters

The following degree categories are based on the two-digit Classification of Instructional Programs (CIP) codes defined by the National Center for Education Statistics.

Education

13 Education

Arts and Humanities

- 5 Area, ethnic, cultural, and gender studies
- 16 Foreign languages, literatures, and linguistics
- 23 English language and literature/letters
- 24 Liberal arts and sciences, general studies and humanities
- 30 Multi/interdisciplinary studies
- 38 Philosophy and religious studies
- 39 Theology and religious vocations
- 50 Visual and performing arts
- 54 History

Social and Behavioral Sciences and Human Services

- 19 Family and consumer sciences/human sciences
- 25 Library science
- Parks, recreation, leisure, and fitness studies
- 42 Psychology
- 44 Public administration and social service professions
- 45 Social sciences

Science, Technology, Engineering, and Math (STEM)

- 1 Agriculture, agriculture operations, and related sciences
- 3 Natural resources and conservation
- 4 Architecture and related services
- 11 Computer and information sciences and support services
- 14 Engineering
- 15 Engineering technologies/technicians
- 26 Biological and biomedical sciences
- 27 Mathematics and statistics
- 29 Military technologies
- 40 Physical sciences
- 41 Science technologies/technicians

Business and Communication

- 9 Communication, journalism, and related programs
- 10 Communications technologies/technicians and support services
- 52 Business, management, marketing, and related support services

Health

Health professions and related clinical sciences

Trades

- Personal and culinary services Legal Professions and Studies Security and protective services
- Construction trades
- Mechanic and repair technologies/technicians
 Precision production
 Transportation and materials moving

Appendix B - Program Mix Similarity Score Calculation

	% undergraduate degrees conferred by program: Education	% undergraduate degrees conferred by program: Arts and Humanities	% undergraduate degrees conferred by program: Social and Behavioral Sciences and Human Services	% undergraduate degrees conferred by program: Science, Technology, Engineering, and Math (STEM)	% undergraduate degrees conferred by program: Business and Communication	% undergraduate degrees conferred by program: Health	% undergraduate degrees conferred by program: Trades	Program Mix Similarity Score
UNL	12.1%	20.4%	13.8%	14.1%	30.3%	0.9%	8.4%	
School A	12.7%	13.8%	19.1%	12.1%	26.3%	12.1%	3.8%	
Difference	0.6%	-6.6%	5.3%	-2.0%	-4.0%	11.2%	-4.6%	
Difference squared	0.0	0.4	0.3	0.0	0.2	1.2	0.2	2.4

Undergraduate Program Similarity Mix Score for School A: **2.4** (sum of each difference squared)

School A's 12-month enrollment percent undergraduate students: 90.6%

	% graduate degrees conferred by program: Education	% graduate degrees conferred by program: Arts and Humanities	% graduate degrees conferred by program: Social and Behavioral Sciences and Human Services	% graduate degrees conferred by program: Science, Technology, Engineering, and Math (STEM)	% graduate degrees conferred by program: Business and Communication	% graduate degrees conferred by program: Health (less medical degrees)	% graduate degrees conferred by program: Trades	Program Mix Similarity Score
UNL	31.4%	9.0%	27.7%	11.0%	18.9%	0.0%	2.0%	
School A	62.2%	0.0%	3.4%	0.6%	11.9%	21.9%	0.0%	
Difference	30.8%	-9.0%	-24.3%	-10.4%	-7.0%	21.9%	-2.0%	
Difference squared	9.5	0.8	5.9	1.1	0.5	4.8	0.0	22.6

Graduate Program Similarity Mix Score for School A: 22.6 (sum of each difference squared)

School A 12-month enrollment percent graduate students: 9.4%

School A's weighted undergraduate + graduate program similarity score = (2.4 * .906) + (22.6 * .094) = 4.3

State	Appendix C - Tillesiloid Approa	CII CIILEIIA	x = not ma	tching on C	CPE-defin	ned criteria	3	ı	ı	1		
### Chroson by university as peers of NL. Carring												
Section Sect	institution name								US Fed			
Number Camesian									research			
State									less			
State	, , ,				Fall			STEM	medical			
City State	UNL									-		
Islaman A. M. University Normal Anbarran x x x x x x x x x												l
Islaman State University	ALL			or very high	40,000	< 30%	scores <8.5	score <11	\$210,000	175 - 450	NY or in NE	COUNT
Management Albahama				Х	Х	х			х	х		5
Juburn University Alabamra				Х	Х	х		х	х	х		6
Montpomery Ababama				х	х		х		Х	х		5
Abbarna												0
				X	X	Х	X		X	X		6
Troy				Х	х		х	х	Х	Х		6
Inversity of Alabama at Huntsville								X	X			2
Inversity of Alabama in Huntsville Nontevallo Nontevalno Nontev				Х		X	X	X	Х	X		6
Inversity of Montevallo Montevallo Mont					X	х	х	X		X		5
Inversity of North Alabama					X	 		X		X	 	3
Inviersity of South Alabama				X	X	-	X		X	X	-	5
Inversity of West Alabama				^	X	 	X.		X	X V	 	5
Inversity of Alaska Anchorage				~	X	_	X.	X	X	X V	 	5
Inversity of Alaska Southeast				X	X	X	X		X	X		6
Juneau Alaska X				X	X		×	X	X	X V		3
Pincent Pinc				~	×		~		~	×		5
Introns State University-Polytechnic Mesa Arizona x x x x x x x x x				× ×	~	v	· ·	v	× ×	×		7
Internal State University-Skysong				×	×	×	×	×	×	×		7
Tizona State University Tempe				× ×	~	~	· ·	^	× ×	· ·		6
Interest Arizona X				^	× ×	×	^		^	^ v		3
Taalie				Y	Y	Y	v		Y	v v		6
orthern Arizona University Flagstaff Arizona x				^ v	^ Y	^ Y	×		Α Υ	v v		6
Tusson	Northern Arizona University			^	^	×	×	x	x	×		5
Arkansas X					×	x			x			3
Russelfville				x	x		x		x	x		5
enderson State University Arkadelphia Arkansas x	Arkansas Tech University			x	x		x	×	x	x		6
outhern Arkansas University Main Campus Magnolía Arkansas x	Henderson State University			x	x	х	x		x	x		6
niversity of Arkansas Fayetteville Arkansas				х	х	х	х	х	х	х		7
Little Rock	University of Arkansas								х	х		2
niversity of Arkansas at Monticello Monticello Arkansas X X X X X X X X X X X X X	University of Arkansas at Little Rock			х	х	х	х	х	х	х		7
niversity of Arkansas for Medical Sciences Little Rock Arkansas X X X X X X X X X X X X X X X X X X	University of Arkansas at Monticello			х	х	х	х	x	х	х		7
niversity of Arkansas-Fort Smith Fort Smith Arkansas Conway Arkansas X X X X X X X X X X X X X	University of Arkansas at Pine Bluff	Pine Bluff	Arkansas	х	x	x		х	х	х		6
niversity of Central Arkansas Conway Arkansas X X X X X X X X X X X X X	University of Arkansas for Medical Sciences	Little Rock	Arkansas	х	x		х	х	х	х		6
alifornia Maritime Academy Vallejo California X	University of Arkansas-Fort Smith	Fort Smith	Arkansas	х	х		х		х	х		5
alifornia Polytechnic State University-San Luis Obispo San Luis Obispo California X X X X X X X X X X X X X X X X X X X	University of Central Arkansas	Conway	Arkansas	х	х		х	х	х	х		6
alifornia State Polytechnic University-Pomona Pomona California X X X X X X X X X X X X X X X X X X X	California Maritime Academy	Vallejo	California	х	х	x	х	х	х	х		7
alifornia State University-Bakersfield Bakersfield California X X X X X X X X X X X X X X X X X X X	California Polytechnic State University-San Luis Obispo	San Luis Obispo	California	х	х	х	х		х	х		6
alifornia State University-Chico Chico California X X X X X X X X X X X X X X X X X X X	California State Polytechnic University-Pomona	Pomona	California	х		х			х	х		4
alifornia State University-Chico California State University-Dominguez Hills Carson California X X X X X X X X X X X X X X X X X X X	California State University-Bakersfield	Bakersfield	California	х	х	х	х	х	х	х		7
alifornia State University-Dominguez Hills Carson California X X X X X X X X X X X X X	California State University-Channel Islands	Camarillo	California	х	х	х		x	х	х		6
alifornia State University-East Bay Hayward California x x x x x x x x x x x x x x x x x x x	California State University-Chico	Chico	California	х	х	х			х	х		5
alifornia State University-Fresno Fresno California x x x x x x x x x x x x x x x x x x x	California State University-Dominguez Hills			х	х	х	х	х	х	х		7
alifornia State University-Fullerton Fullerton California x x x x x x x x x x x x x x x x x x x	California State University-East Bay	Hayward	California	х	х	х		х	х	х		6
alifornia State University-Long Beach Long Beach Los Angeles Los Angeles California X X X X X X X X X X X X X X X X X X X	California State University-Fresno	Fresno		х		х			х	х		4
alifornia State University-Los Angeles Los Angeles California x x x x x x x alifornia State University-Monterey Bay Seaside California x x x x x x x x x x x x x x x x x x x	California State University-Fullerton		California	х		х		х	х	х		5
alifornia State University-Monterey Bay Seaside California x x x x x x x x x x x x x x x x x x x	California State University-Long Beach	Long Beach	California	x		х	х		х	х		5
alifornia State University-Northridge Northridge California x x x x x	California State University-Los Angeles			х		х		х	х	х		5
	California State University-Monterey Bay	Seaside		х	х	х	х	х	х	х		7
alifornia State University-Sacramento Sacramento California x x x x	California State University-Northridge			x		х		х	х	х		5
	California State University-Sacramento	Sacramento	California	x		х			х	х		4

Appendix o Till colloid Approd	on ontona	X = 110t 1116	atching on C	CF L-ueili	ieu ciiteiia	1					
institution name								US Fed			i
red: chosen by university as peers of UNL								research			1
blue: Big Ten institutions not chosen by University as peers of				Fall			STEM	less medical			i
UNL			Carnegie	enrollment		program	program	science =	PhDs		i
ONL			Basic = high		% minority		similarity	\$50,000 -	granted =	States not	i
	City	State	or very high	40,000	< 30%	scores <8.5		\$210,000	175 - 450	NY or in NE	COUNT
California State University-San Bernardino	San Bernardino	California	x	x	x	x	x	¥2.0,000	x	0	7
California State University-San Marcos	San Marcos	California	x	×	x	×	x	×	×		7
California State University-Stanislaus	Turlock	California	x	x	x	^	×	×	x		6
Humboldt State University	Arcata	California	x	×	x	×	x	×	×		7
Naval Postgraduate School	Monterey	California	x	×		×	X	x	x		6
San Diego State University	San Diego	California			х			x	x		3
San Diego State University-Imperial Valley Campus	Calexico	California	х	х	х	x	х	х	х		7
San Francisco State University	San Francisco	California	х		х		х	х	х		5
San Jose State University	San Jose	California	х		х		х	х	х		5
Sonoma State University	Rohnert Park	California	х	х	х		х	х	х		6
University of California-Berkeley	Berkeley	California			х			х	х		3
University of California-Davis	Davis	California			х		х	x	x		4
University of California-Hastings College of Law	San Francisco	California	х	х	х	х		х	x		6
University of California-Irvine	Irvine	California			х		х				2
University of California-Los Angeles	Los Angeles	California		х	х	x	х		x		5
University of California-Merced	Merced	California	х	х	х	х	х	х	х		7
University of California-Riverside	Riverside	California			х		Х				2
University of California-San Diego	La Jolla	California			x		х	x	x		4
University of California-San Francisco	San Francisco	California	х	х	х	х		х	х		6
University of California-Santa Barbara	Santa Barbara	California			x	x	х				3
University of California-Santa Cruz	Santa Cruz	California		х	х	х	Х		х		5
Adams State University	Alamosa	Colorado	x	х	х	х		x	x		6
Colorado Mesa University	Grand Junction	Colorado	х	х		x		x	x		5
Colorado Mountain College	Glenwood Springs	Colorado	х	х		x		x	x		5
Colorado School of Mines	Golden	Colorado		х		х	Х	х	х		5
Colorado State University-Fort Collins	Fort Collins	Colorado									0
Colorado State University-Global Campus	Greenwood Village	Colorado	х	х		х		х	x		5
Colorado State University-Pueblo	Pueblo	Colorado	х	х		х	Х	х	х		6
Fort Lewis College	Durango	Colorado	х	х	х			х	х		5
Metropolitan State University of Denver	Denver	Colorado	х		х			х	х		4
United States Air Force Academy	USAFA	Colorado	х	х		х		Х	х		5
University of Colorado Boulder	Boulder	Colorado					Х	X			2
University of Colorado Colorado Springs	Colorado Springs	Colorado	Х	Х			Х	х	х		5
University of Colorado Denver	Denver	Colorado					Х	х	х		3
University of Northern Colorado	Greeley	Colorado	Х	Х		Х	Х	Х	х		6
Western State Colorado University	Gunnison	Colorado	X	X		х		X	X		5
Central Connecticut State University	New Britain	Connecticut	X	X			Х	X	X	X	6
Charter Oak State College	New Britain	Connecticut	X	X		X		X	X	X	6
Eastern Connecticut State University Southern Connecticut State University	Willimantic New Haven	Connecticut Connecticut	X	X		X		X	x	X	6
United States Coast Guard Academy	New London	Connecticut	X	X		X	X	X	X	X	6
University of Connecticut	Storrs	Connecticut	X	X		X		X	X	X	1
University of Connecticut-Avery Point										X	
University of Connecticut-Avery Form University of Connecticut-Stamford	Groton Stamford	Connecticut Connecticut	^	^ v	v	^ v		^	^ v	^ v	6
University of Connecticut-Starmord University of Connecticut-Tri-Campus		Connecticut	^	^ v	^ v	^ v		^ v	^ ~	^ ~	7
Western Connecticut State University	Waterbury Danbury	Connecticut	X	X	X.	X V	v	X V	X	X	<u> </u>
Delaware State University	Dover	Delaware	^	^		^	^ V	A	A	^	6
University of Delaware	Newark	Delaware	^	^	^		٨	^	^		0
University of the District of Columbia	Washington	District of Columbia	~	v	v		v	v	v		6
University of the District of Columbia-David A Clarke School of Law	Washington	District of Columbia	^ v	^ v	^ v	v	^	^ v	^ v		6
Broward College	Fort Lauderdale	Florida	Y	Y	v .	Υ Υ		Y	^ Y		6
Diomara College	i on Lauderdale	i ionua	<u></u>	^	<u> ^</u>	^		1^	1^	I	

Appendix C - Tilleshold Approa	CII CIIICIIa	x = not ma	tching on C	CPE-defin	lea criteria	a	1	1	1		
institution name								US Fed			
red: chosen by university as peers of UNL								research			
blue: Big Ten institutions not chosen by University as peers of								less			
			0	Fall			STEM	medical	DI-D-		
UNL			Carnegie Basic = high	enrollment = 20,000 -	% minority	program similarity	program similarity	science = \$50,000 -	PhDs granted =	States not	
	City	State	or very high	40,000	< 30%	scores <8.5		\$210,000	175 - 450	NY or in NE	COLINT
Chipola College	Marianna	Florida	v very riigir	¥0,000	< 3070	y	30010 <11	ψ2 10,000 v	Y	INT OF HITTE	5
College of Central Florida	Ocala	Florida	^ Y	^ Y		^ Y		^ Y	v v		5
Daytona State College	Daytona Beach	Florida	×	×		×		×	×		5
Eastern Florida State College	Cocoa	Florida	×	×		×		x	×		5
Edison State College	Fort Myers	Florida	x	x	х	x		x	x		6
Florida Agricultural and Mechanical University	Tallahassee	Florida	х	х	х	х		х	x		6
Florida Atlantic University	Boca Raton	Florida			х		х	х	х		4
Florida Gateway College	Lake City	Florida	х	х		x		х	х		5
Florida Gulf Coast University	Fort Myers	Florida	х	х			х	х	х		5
Florida International University	Miami	Florida		Х	Х				Х		3
Florida Polytechnic University	Lakeland	Florida	х	х				х	х		4
Florida State College at Jacksonville	Jacksonville	Florida	х		х	х		х	х		5
Florida State University	Tallahassee	Florida		х			х				2
Gulf Coast State College	Panama City	Florida	х	x		x		х	х		5
Indian River State College	Fort Pierce	Florida	х	х	Х	х		Х	х		6
Lake-Sumter State College	Leesburg	Florida	х	х		х		Х	х		5
Miami Dade College	Miami	Florida	х	х	x	х		х	x		6
New College of Florida	Sarasota	Florida	х	х		х		х	x		5
Northwest Florida State College	Niceville	Florida	х	х		х		х	х		5
Palm Beach State College	Lake Worth	Florida	х		Х	х		Х	х		5
Pensacola State College	Pensacola	Florida	х	х		х		х	х		5
Polk State College	Winter Haven	Florida	х	х	Х	х		Х	х		6
Saint Johns River State College	Palatka	Florida	Х	Х		х		х	х		5
Santa Fe College	Gainesville	Florida	Х	х	Х	Х		Х	х		6
Seminole State College of Florida	Sanford	Florida	X	X	X	X		X	X		6
South Florida State College St Petersburg College	Avon Park	Florida	X	X	Х	X		X	X	1	6
	Clearwater	Florida	X			X		X	X	1	4
State College of Florida-Manatee-Sarasota The University of West Florida	Bradenton	Florida	X	X		X		X	X		5
University of West Florida University of Central Florida	Pensacola Orlando	Florida Florida	Х	X			X	Х	х		5
University of Florida	Gainesville	Florida		X	X	-	Х	v	~	-	3
University of North Florida	Jacksonville	Florida	~	~	^		~	×	×		5
University of South Florida-Main Campus	Tampa	Florida	^	× ×	~		×	^	^		3
University of South Florida Main Campus University of South Florida-Sarasota-Manatee	Sarasota	Florida	v	^ v	^	v	^	~	~		5
University of South Florida-St Petersburg	St. Petersburg	Florida	×	×		×	x	×	×		6
Valencia College	Orlando	Florida	x	×	x	×	^	x	×		6
Abraham Baldwin Agricultural College	Tifton	Georgia	×	×	^	×		×	×		5
Albany State University	Albany	Georgia	x	x	x	x		x	x		6
Armstrong Atlantic State University	Savannah	Georgia	x	x	X	x	х	x	x		7
Atlanta Metropolitan State College	Atlanta	Georgia	х	х	х	х		х	x		6
Augusta State University	Augusta	Georgia	х	х				х	х		4
Clayton State University	Morrow	Georgia	х	х	х	х		х	х		6
College of Coastal Georgia	Brunswick	Georgia	х	х		х		х	х		5
Columbus State University	Columbus	Georgia	х	х	х	х	х	х	х	1	7
Dalton State College	Dalton	Georgia	х	х		х		х	х		5
East Georgia State College	Swainsboro	Georgia	х	Х	Х	Х		Х	Х		6
Fort Valley State University	Fort Valley	Georgia	х	х	х		х	х	х		6
Gainesville State College	Oakwood	Georgia	x	х				х	х		4
Georgia College and State University	Milledgeville	Georgia	х	х		х	х	х	х		6
Georgia Gwinnett College	Lawrenceville	Georgia	х	х	х			х	х		5
Georgia Health Sciences University	Augusta	Georgia	х	x				х	х		4

Appendix C - Tillesiloid Approa	CII OIIICIIA	x = not ma	atching on C	CPE-defir	iea criteria	a -		1	1	1	
											ĺ
institution name								US Fed			1
								research			1
red: chosen by university as peers of UNL								less			1
blue: Big Ten institutions not chosen by University as peers of				Fall			STEM	medical			1
UNL			Carnegie	enrollment		program	program	science =	PhDs		1
			Basic = high	= 20,000 -	% minority	similarity	similarity	\$50,000 -	granted =	States not	1
	City	State	or very high	40,000	< 30%	scores <8.5	score <11	\$210,000	175 - 450	NY or in NE	COUNT
Georgia Institute of Technology-Main Campus	Atlanta	Georgia				х	Х	х	х		4
Georgia Regents University	Augusta	Georgia	x	х	x	x	Х	х	х		7
Georgia Southern University	Statesboro	Georgia	x		x		Х	х	х		ţ
Georgia Southwestern State University	Americus	Georgia	x	х	x	x	x	х	х		-
Georgia State University	Atlanta	Georgia			x		Х	х			(
Gordon State College	Barnesville	Georgia	х	х	x	х		х	х		6
Kennesaw State University	Kennesaw	Georgia	x		x		x	х	х		
Macon State College	Macon	Georgia	х	х				х	х		4
Middle Georgia College	Cochran	Georgia	x	x				х	x		4
Middle Georgia State College	Macon	Georgia	x	Х	х	х		Х	х		6
Savannah State University	Savannah	Georgia	х	х	Х		х	х	х		6
South Georgia College	Douglas	Georgia	х	Х				Х	Х		4
South Georgia State College	Douglas	Georgia	х	Х	х	х		х	х		6
Southern Polytechnic State University	Marietta	Georgia	х	х	х	x	Х	х	х		7
University of Georgia	Athens	Georgia					Х				1
University of North Georgia	Dahlonega	Georgia	х	х				х	х		4
University of North Georgia	Dahlonega	Georgia	х	х		х		х	х		5
University of West Georgia	Carrollton	Georgia	х	х	x	х	Х	х	х		7
Valdosta State University	Valdosta	Georgia	х	х	х	х	Х	х	х		7
University of Hawaii at Hilo	Hilo	Hawaii	х	х	x	х	Х	х	х		7
University of Hawaii at Manoa	Honolulu	Hawaii			х						1
University of Hawaii Maui College	Kahului	Hawaii	х	х	х	х		х	х		6
University of Hawaii-West Oahu	Kapolei	Hawaii	Х	Х	х	х		Х	х		6
Boise State University	Boise	Idaho	Х					Х	х		3
Idaho State University	Pocatello	Idaho		Х		х	Х	Х	х		5
Lewis-Clark State College	Lewiston	Idaho	Х	х		х		Х	х		5
University of Idaho	Moscow	Idaho		Х					Х		2
Chicago State University	Chicago	Illinois	Х	х	х	х	Х	Х	х		
Eastern Illinois University	Charleston	Illinois	Х	х		х	Х	Х	х		6
Governors State University	University Park	Illinois	X	Х	х	Х	X	X	X		1
Illinois State University	Normal	Illinois	Х				Х	Х	Х		4
Northeastern Illinois University	Chicago	Illinois	Х	Х	X	Х	X	X	X		1
Northern Illinois University	Dekalb	Illinois			х		Х	X	X		
Southern Illinois University-Carbondale	Carbondale	Illinois		X				X	X		-
Southern Illinois University-Edwardsville	Edwardsville	Illinois	х	х			X	Х	х		
University of Illinois at Chicago	Chicago	Illinois		.,	х		X	.,	.,		2
University of Illinois at Springfield	Springfield	Illinois	Х	Х			Х	Х	х		
University of Illinois at Urbana-Champaign Western Illinois University	Champaign	Illinois Illinois	v	X				X	X		3
Ball State University	Macomb Muncie	Indiana	х	х			X	X	X		H - 5
Indiana State University			v			X	X	X V	X		
Indiana State University Indiana University-Bloomington	Terre Haute Bloomington	Indiana Indiana	X	X V			X	X	X		
Indiana University-Bioomington Indiana University-East			v	×		v	X	v	v		5
Indiana University-East Indiana University-Kokomo	Richmond Kokomo	Indiana Indiana	X	X		×		X V	X		
Indiana University-Northwest	Gary	Indiana	^	^ v	_	^		^ v	^ v	1	
Indiana University-Northwest Indiana University-Purdue University-Fort Wayne	Fort Wayne	Indiana	X	X	X	X.	v	X V	X		
Indiana University-Purdue University-Fort Wayne Indiana University-Purdue University-Indianapolis	•		^	^	-	v	^ ~	^	^	}	
Indiana University-Purdue University-Indianapolis Indiana University-South Bend	Indianapolis South Bend	Indiana	v	v	-	X.	X	v	X V	}	3
Indiana University-South Bend Indiana University-Southeast	New Albany	Indiana Indiana	^	^ v	-	^ v		^ v	^ v	}	
Purdue University-Calumet Campus	Hammond	Indiana	^	^ v	v	^	~	^ v	x		
Purdue University-Main Campus	West Lafayette	Indiana	^	^	^		^	^	^		
Turdue Oniversity-Iviain Campus	West Latayette	mulana						Α	Α		

Appendix C - Threshold Approa	CII CIILCIIa	x = not ma	tching on C	CPE-defin	ied criteria	1					
institution name								US Fed			
red: chosen by university as peers of UNL								research			1
								less			1
blue: Big Ten institutions not chosen by University as peers of				Fall			STEM	medical			1
UNL			Carnegie	enrollment		program	program	science =	PhDs		1
			Basic = high		% minority	similarity		\$50,000 -	granted =	States not	ĺ
	City	State	or very high	40,000	< 30%	scores <8.5	score <11	\$210,000	175 - 450	NY or in NE	COUNT
Purdue University-North Central Campus	Westville	Indiana	х	х				Х	х		4
University of Southern Indiana	Evansville	Indiana	х	х		х		х	х		5
Vincennes University	Vincennes	Indiana	Х	х		х		х	х		5
Iowa State University	Ames	lowa									0
University of Iowa	lowa City	lowa									0
University of Northern Iowa	Cedar Falls	lowa	Х	х			х	Х	Х		5
Emporia State University	Emporia	Kansas	Х	х		х	х	х	х		6
Fort Hays State University	Hays	Kansas	Х	х		Х	Х	Х	х		6
Haskell Indian Nations University	Lawrence	Kansas	Х	Х	Х	Х		Х	X		6
Kansas State University	Manhattan	Kansas			-				X		<u> </u>
Pittsburg State University University of Kansas	Pittsburg	Kansas	х	Х			X	Х	X		5
Washburn University	Lawrence Topeka	Kansas Kansas	v	v		v		v	v		- 0
Wichita State University	Wichita	Kansas	X	X		Α	v	×	X V		5
Eastern Kentucky University	Richmond	Kentucky	~	×		~	×	×	×		6
Kentucky State University	Frankfort	Kentucky	X	X	v	X V	X V	X V	X V		7
Morehead State University	Morehead	Kentucky	×	×	X	×	×	×	×		6
Murray State University	Murray	Kentucky	× -	~		^	×	×	· ·		5
Northern Kentucky University	Highland Heights	Kentucky	× ×	× ×			^ v	^ v	^ v		5
University of Kentucky	Lexington	Kentucky	^	^			^	^	^		0
University of Louisville	Louisville	Kentucky					v		v		2
Western Kentucky University	Bowling Green	Kentucky	Y				v v	v	v v		4
Grambling State University	Grambling	Louisiana	×	×	x	x	^	x	×		6
Louisiana State University and Agricultural & Mechanical College	Baton Rouge	Louisiana									0
Louisiana State University Health Sciences Center-New Orleans	New Orleans	Louisiana	x	x		x		x	×		5
Louisiana State University Health Sciences Center-Shreveport	Shreveport	Louisiana	X	x		X		x	x		5
Louisiana State University-Alexandria	Alexandria	Louisiana	x	x		x		x	×		5
Louisiana State University-Shreveport	Shreveport	Louisiana	X	x			х	x	x		5
Louisiana Tech University	Ruston	Louisiana		х				х	x		3
McNeese State University	Lake Charles	Louisiana	х	х		х		х	x		5
Nicholls State University	Thibodaux	Louisiana	х	х		х	х	х	х		6
Northwestern State University of Louisiana	Natchitoches	Louisiana	х	х	х	х		х	x		6
Southeastern Louisiana University	Hammond	Louisiana	x	x		х	х	х	х		6
Southern University and A & M College	Baton Rouge	Louisiana	х	х	х			х	х		5
Southern University at New Orleans	New Orleans	Louisiana	х	х	x	х	х	х	х		7
Southern University Law Center	Baton Rouge	Louisiana	х	х	х	х		х	х		6
University of Louisiana at Lafayette	Lafayette	Louisiana		х				х	х		3
University of Louisiana at Monroe	Monroe	Louisiana	х	х		x	x	х	х		6
University of New Orleans	New Orleans	Louisiana		Х	х		Х	х	Х		5
Maine Maritime Academy	Castine	Maine	x	x		х		х	х	х	6
University of Maine	Orono	Maine		х				х	Х	х	4
University of Maine at Augusta	Augusta	Maine	х	х		х		х	х	х	6
University of Maine at Farmington	Farmington	Maine	x	х		х		х	х	х	6
University of Maine at Fort Kent	Fort Kent	Maine	x	Х		Х		х	Х	х	6
University of Maine at Machias	Machias	Maine	x	х		х		х	х	х	6
University of Maine at Presque Isle	Presque Isle	Maine	x	Х		Х		х	Х	х	6
University of Southern Maine	Portland	Maine	х	х		Х	х	х	х	Х	7
Bowie State University	Bowie	Maryland	х	Х	Х	х	х	х	х		7
Coppin State University	Baltimore	Maryland	х	Х	х	Х		х	Х		6
Frostburg State University	Frostburg	Maryland	х	Х		Х	Х	х	Х		6
Morgan State University	Baltimore	Maryland	х	х	x		Х	Х	х		6

Appendix 6 - Tillesilolu Approa	Uni Onicona	X = HOU HIS	atching on C	CFE-ueili	eu criteri	a I				1	т
institution name								US Fed research			
red: chosen by university as peers of UNL								less			
blue: Big Ten institutions not chosen by University as peers of				Fall			STEM	medical			
UNL			Carnegie	enrollment		program	program	science =	PhDs		
			Basic = high	= 20,000 -	% minority		similarity	\$50,000 -	granted =	States not	
	City	State	or very high	40,000	< 30%	scores <8.5	score <11	\$210,000	175 - 450	NY or in NE	COUNT
Salisbury University	Salisbury	Maryland	х	х			Х	Х	Х		
St Mary's College of Maryland Towson University	St. Mary's City	Maryland	X	х		Х		X	X		
United States Naval Academy	Towson	Maryland Maryland	X	.,			Х	X	X		- :
University of Baltimore	Annapolis Baltimore	Maryland	X	X	X	X	v	X	X		-
University of Maryland Eastern Shore	Princess Anne	Maryland	x x	^ v	ν	^	X	Y	A Y		
University of Maryland Edition Choice University of Maryland-Baltimore	Baltimore	Maryland	×	×	×	x	^	^	×		-
University of Maryland-Baltimore County	Baltimore	Maryland		x	×		x	×	x		
University of Maryland-College Park	College Park	Maryland			X			X	х		
University of Maryland-University College	Adelphi	Maryland	х		х	х	х	х	х		- 6
Bridgewater State University	Bridgewater	Massachusetts	х	х		х	х	х	х	х	
Fitchburg State University	Fitchburg	Massachusetts	х	х		Х	х	Х	Х	х	7
Framingham State University	Framingham	Massachusetts	х	х		х		х	х	х	6
Massachusetts College of Art and Design	Boston	Massachusetts	х	х		х	х	х	х	х	7
Massachusetts College of Liberal Arts	North Adams	Massachusetts	х	х		х		Х	Х	Х	6
Massachusetts Maritime Academy	Buzzards Bay	Massachusetts	x	х		x	х	х	х	х	7
Salem State University	Salem	Massachusetts	х	х		х	х	Х	Х	х	7
University of Massachusetts Medical School Worcester	Worcester	Massachusetts	х	х		х			х	Х	
University of Massachusetts-Amherst	Amherst	Massachusetts								Х	1
University of Massachusetts-Boston	Boston	Massachusetts		х	х	х	х	х	х	х	7
University of Massachusetts-Dartmouth	North Dartmouth	Massachusetts	х	х			Х	Х	Х	Х	6
University of Massachusetts-Lowell	Lowell	Massachusetts		х			Х	Х	Х	Х	5
Westfield State University	Westfield	Massachusetts	Х	х		Х	х	х	х	х	
Worcester State University	Worcester	Massachusetts	X	Х		X	X	X	X	Х	
Central Michigan University Eastern Michigan University	Mount Pleasant	Michigan	X				x x	X	X		5
Ferris State University	Ypsilanti Big Rapids	Michigan Michigan	X				X	X	X		4
Grand Valley State University	Allendale	Michigan	X	X		X	x	X	X		
Lake Superior State University	Sault Ste Marie	Michigan	×	~		×	X	X V	X		
Michigan State University	East Lansing	Michigan	^	×		^		^ _	×		
Michigan Technological University	Houghton	Michigan		×		x	x	X	X		-
Northern Michigan University	Marquette	Michigan	x	x		x	X	X	X		i i
Northwestern Michigan College	Traverse City	Michigan	x	x		x		X	X		
Oakland University	Rochester Hills	Michigan	х			х	х	х	х		
Saginaw Valley State University	University Center	Michigan	х	х		х		x	x		
University of Michigan-Ann Arbor	Ann Arbor	Michigan		X				Х	X		3
University of Michigan-Dearborn	Dearborn	Michigan	х	х			х	х	х		
University of Michigan-Flint	Flint	Michigan	х	x		x	х	x	х		6
Wayne State University	Detroit	Michigan			Х		Х	Х			3
Western Michigan University	Kalamazoo	Michigan						Х	Х		2
Bemidji State University	Bemidji	Minnesota	х	х			х	x	x		
Metropolitan State University	Saint Paul	Minnesota	х	х	х	х	х	Х	х		7
Minnesota State University-Mankato	Mankato	Minnesota	х	х			х	Х	х		
Minnesota State University-Moorhead	Moorhead	Minnesota	х	Х		Х		Х	Х		1 5
Saint Cloud State University	Saint Cloud	Minnesota	х	Х			Х	Х	Х		1 5
Southwest Minnesota State University	Marshall	Minnesota	х	Х		Х		Х	Х		1 5
University of Minnesota-Crookston	Crookston	Minnesota	х	Х				Х	Х		4
University of Minnesota-Duluth	Duluth	Minnesota	X	X			Х	X	X		<u> </u>
University of Minnesota-Morris	Morris	Minnesota	X	X		X		X	X		+ - 5
University of Minnesota-Rochester	Rochester	Minnesota	Х	X		Х		X	X		
University of Minnesota-Twin Cities	Minneapolis	Minnesota		X				X	X		4

Missouri University of Science and Technology Missouri Western State University Saint Joseph Missouri X Northwest Missouri State University Maryville Missouri X Southeast Missouri State University Cape Girardeau Missouri X Truman Medical Center School of Nurse Anesthesia Kansas City Missouri X Truman State University Maryville Missouri X Truman State University Missouri X University of Central Missouri Warrensburg Missouri Warrensburg Missouri Warrensburg Missouri University of Missouri-Columbia University of Missouri-Columbia University of Missouri-St Louis Missouri University of Missouri-St Louis Missouri Montana State University Bozeman Montana Montana State University-Billings Montana State University-Billings Montana State University-Onthern Havre Montana State University of Montana Missoula Montana Tech of the University of Montana The University of Montana Missoula Montana The University of Montana Missoula Montana The University of Montana Missoula Montana Missoula Montana Missoula Montana Missoula Montana The University of Montana Missoula Montana The University of Montana Missoula Montana Montana Montana Montana The University of Montana Missoula Montana	Fall	l i	1		1			
DILLE: Big Ten institutions not chosen by University as peers of Carnegie Basic = hig or very high Winona State University Winona Minnesoda x Natorn State University Alcorn State Mississippi x Oleveland Mississippi x Oleveland Mississippi x Oleveland Mississippi x Delta State University Alcorn State Mississippi x Delta State University Alcorn State University Alcorn State University Mississippi State Mississippi State Mississippi X Delta State University Mississippi State Mississippi X Delta State University Mississippi State Mississippi X Delta Mississippi Mississippi Mississippi Valley State University Mississippi Valley State University Mississippi Valley State University Mississippi University of Mississippi Alcord Mississippi University of Mississippi X Mississippi University of Mississippi Alcord Mississippi Haltiesburg Mississippi Alcord Mississippi Haltiesburg Mississippi Alcord Mississippi Haltiesburg Mississippi Alcord Mississippi Haltiesburg Mississippi Alcord Mississippi Alcord Mississippi Alcord Mississippi Alcord Mississippi Mississ	Fall				US Fed	1		
blue: Big Ten institutions not chosen by University as peers of UNL State City State or very high or very hi	Fall	l			research			
UNL City State Carnegie	Fall	l			less			
City State or very high Winnons State University Winnons Minnesota x vary high Winnesota x		l		STEM	medical	PhDs		
City State Or very high	enrollment h = 20,000 -	% minority		program similarity	science = \$50,000 -	granted =	States not	
Winona State University Alcorn State University Alcorn State University Alcorn State University Alcorn State University Delta State University Alcorn Mississippi State Alcorn State University Alcorn Mississippi Valuriversity Alcorn State University Alcorn Missouri State University Alcorn Missouri Missouri Alcorn Missouri Valuriversity Alcorn Missouri Alcorn Missouri Alcorn Missouri Valuriversity Alcorn Missouri Alcorn Miss			scores <8.5		\$210,000	175 - 450	NY or in NE	COLINT
Alcorn State University Delta State University Delta State University Jackson State University Jackson State University Jackson State University Jackson State University Mississippi State University Mississippi State University Mississippi State University Mississippi Valley State University Mississippi Valley State University Mississippi University of Mississippi Luniversity of Southern Mississippi Luniversity of Southern Mississippi Luniversity of Southern Mississippi Luniversity of Southern Mississippi Luniversity Alaris-Stowe State University Alaris-Stowe State University Jefferson City Jefferson City Missouri X Missouri X Missouri State University Jefferson City Missouri X Missouri State University Jefferson City Missouri X Missouri State University Missouri Western State University Saint Joseph Missouri Western State University Missouri Western State University Saint Joseph Missouri X Northwest Missouri State University Maryville Missouri State University Alaris-Stowe Maryville Missouri State University Maryville Missouri X Maryville Missouri X Northwest Missouri State University Alaris-Missouri Missouri Maryville Missouri Missouri Maryville Missouri X Maryville Missouri Missouri Missouri Missouri Missouri Maryville Missouri Mis	x	V 0070	x	30010 11.	Ψ2 10,000 x	x	141 01 111	000111
Delta State University Jackson State University Jackson State University Jackson State University Jackson Mississippi Mississippi State University Mississippi State University Mississippi University for Women Columbus Mississippi X Mississippi University for Women Columbus Mississippi X Mississippi University for Women University of Mississippi Hattiesburg Mississippi X University of Southern Mississippi Hattiesburg Mississippi X University of Southern Mississippi Hattiesburg Mississippi Mississippi Hattiesburg Missiouri Mississippi Hattiesburg Missiouri X University Gestate University Jopfin Missouri X Missouri State University Jopfin Missouri X Missouri State University Jopfin Missouri X Missouri University of Science and Technology Rolla Missouri University of Science and Technology Rolla Missouri University Gestate University Maryville Missouri Missouri Missouri Missouri State University Maryville Missouri Missouri X Northwest Missouri State University Cape Girardeau Missouri X Truman Medical Center School of Nurse Anesthesia Kanasa City Missouri X University of Central Missouri X University of Central Missouri University of Central Missouri University of Missouri-Kanasa City Missouri Missouri University of Missouri-Kanasa City Missouri Missouri University of Missouri-Kanasa City Missouri Montana State University Montana Montana Montana State University-Monthern Havre Montana Monta	x	x	x	x	x	x		
Jackson State University Mississippi State University Mississippi State University Mississippi University for Women Mississippi University for Women Mississippi University of Mississippi Mississippi University of Mississippi Mississippi University of Southern Mississippi University of Southern Mississippi Hatries-Stowe State University Saint Louis Missouri University Jefferson City Missouri X Jophin Missouri X Missouri X Turman Medical Center School of Nurse Anesthesia Kansas City Missouri X Turman State University Missouri X Turman State University Missouri X University of Missouri-Columbia University of Missouri-State University of Montana Montana State University-Billings Montana Montana State University-Billings Montana Montana State University-Montane Havre Montana X Montana Montan	x	x	x	X	x	x		
Mississippi State University for Women Columbus Mississippi X Mississippi X Mississippi X Mississippi Valley State University for Women Columbus Mississippi X Mississippi	x	x		х	x	x		
Mississippi Valley State University Mississippi Valley State University Mississippi Valley State University University of Mississippi University of Southern Mississippi Hattiesburg Mississippi X University of Southern Mississippi X University of Southern Mississippi Hattiesburg Missouri Missouri X University of Missouri X Missouri X University of Missouri X University of Missouri X University of Missouri X University of Missouri- X Louis Missouri X University of Missouri- X Missouri X University of Missouri- X Missouri X University of Missouri- X Universit						х		
University of Mississippi University of Mississippi University of Southern Mississippi University of Southern Mississippi Hartis-Stowe State University Harris-Stowe State University University of Southern Mississippi Harris-Stowe State University University Jefferson City Missouri X Missouri X Missouri State University Joplin Missouri X Missouri State University-Springfield Springfield Missouri X Northwest Missouri Missouri Missouri Missouri Missouri X Northwest Missouri Missouri X Northwest Missouri Missouri X Northwest Missouri Missouri X Northwest Missouri X Northwes	х	x	х		х	х		
University of Mississippi Medical Center University of Southern Mississippi Hattiesburg Mississippi Hattiesburg Mississippi Hattiesburg Mississippi Hattiesburg Mississippi Hattiesburg Mississippi Hattiesburg Mississippi Hattiesburg Mississippi Hattiesburg Mississippi Hattiesburg Mississippi Hattiesburg Mississippi Hattiesburg Mississippi Hattiesburg Mississippi Hattiesburg Mississippi Hattiesburg Mississippi Hattiesburg Mississippi X Mississippi Hattiesburg Mississippi X Mississippi Hattiesburg Mississippi X Mississippi Mississippi X Mississippi Mississippi X Mississippi Mississippi Mississippi X Mississippi Mississippi X Mississippi Mississippi Autientical Mississippi Autientic	х	х		х	x	x		
University of Southern Mississippi Hattiesburg Missouri X Lincoln University Jefferson City Missouri X Missouri Southern State University Missouri Southern State University Missouri State University-Springfield Missouri University-Springfield Missouri University-Springfield Missouri University of Science and Technology Rolla Missouri Western State University Saint Joseph Missouri X Northwest Missouri State University Cape Girardeau Missouri State University Maryville Missouri Watern State University Maryville Missouri Watern State University Maryville Missouri X Northwest Missouri State University Cape Girardeau Missouri X Truman Medical Center School of Nurse Anesthesia Kansas City Missouri X Truman State University Missouri University of Missouri-Golumbia Missouri University of Missouri-St Louis Missouri University of Missouri-St Louis Montana State University Northern Montana State University Northern Havre Montana Montana X Montana Tech of the University of Montana Missoula Montana X Montana Tech of the University of Montana Montana The University of Montana Missoula Montana Missoula Montana X Montana Montana Missoula Montana X Montana Missoula Montana X Montana Missoula Montana X Montana Montana Montana X Montana Montana Montana X Montana Montana Montana X Montana X Montana Montana X Montana Montana X Montana X Montana Montana X Montan	х			х	х	х		
Harris-Stowe State University Jefferson City Missouri X Lincoln University Jefferson City Missouri X Missouri X Missouri X Northwest Missouri Missouri Missouri Missouri Missouri X Northwest Missouri Missouri Missouri X Northwest Missouri Missouri Missouri X Northwest Missouri Missouri X Morthwest Missouri Missouri X Missouri X Missouri X Missouri X Truman Medical Center School of Nurse Anesthesia Kansas City Missouri X Truman State University Missouri Montana State University-Billings Montana Montana State University-Northern Havre Montana Monta	х		х	X	Х	х		
Lincoln University Missouri Southern State University Missouri Sate University-Springfield Springfield Missouri Missouri Missouri Missouri Western State University Northwest Missouri State University Southeast Missouri Missouri Western State University Missouri Western State University Missouri Western State University Missouri Western State University Maryville Missouri Missouri X Truman Medical Center School of Nurse Anesthesia Kansas City Missouri Missouri X Truman State University Missouri University of Missouri-Kansas City Missouri University of Missouri-St Louis Missouri Montana State University Montana State University Montana State University-Northern Havre Montana Montana State University of Montana X Montana State University of Montana Missoula Montana Montana Missoula Montana Missoula Montana Missoula Montana Missoula Montana X The University of Montana Missoula Montana X The University of Montana Missoula Montana X Montana Missoula Montana X Montana Missoula Montana X Montana X Montana Missoula Montana X Montana X Montana Missoula Montana X Montana X Montana Montana X Mont	х	Х		Х	Х	Х		
Missouri Southern State University Missouri State University-Springfield Missouri Missouri Missouri X Missouri Western State University Missouri Western State University Missouri Western State University Missouri State University Maryville Missouri X Northwest Missouri State University Maryville Missouri X Northwest Missouri State University Maryville Missouri X Truman Medical Center School of Nurse Anesthesia Missouri X University of Missouri-Columbia Missouri Missouri-St Louis Missouri-Columbia Missouri-Missouri-St Louis Missouri-Missouri-St Louis Missouri-Missouri-St Louis Montana State University Montana State University Montana State University-Billings Montana State University-Northern Montana State University-Northern Have Montana Montana Tech of the University of Montana Montana Tech of the University of Montana Missoula Montana Missoula Montana Chadron Nebraska X University of Nebraska at Kearney University of Nebraska at Kearney Montana Mebraska X University of Nebraska at Gomaha Montana Mebraska X University of Nebraska Medical Center Montana Montana Nebraska X University of Nebraska Medical Center Montana Montana Montana Montana Montana Mebraska X University of Nebraska Medical Center Montana Montana Mebraska X University of Nebraska Medical Center Montana Montana Mebraska X University of Nebraska Medical Center Montana Montana Montana Montana Mebraska X University of Nebraska Medical Center Montana Montana Montana Mebraska X University of Nebraska Medical Center Montana Montana Montana Mebraska X University of Nebraska Medical Center Montana Montan	х	х	х		х	х		
Missouri State University-Springfield Missouri x Missouri University of Science and Technology Rolla Missouri Missouri Missouri x x Northwest Missouri State University Saint Joseph Missouri x x Northwest Missouri State University Maryville Missouri x X Northwest Missouri State University Cape Girardeau Missouri x Southeast Missouri State University Cape Girardeau Missouri x Truman Medical Center School of Nurse Anesthesia Kansas City Missouri x Truman State University Kirksville Missouri x X University of Central Missouri X University of Central Missouri X University of Missouri-Columbia Missouri X University of Missouri-Kansas City Missouri-Columbia Missouri X University of Missouri-Kansas City Missouri-Columbia Missouri University of Missouri-Kansas City Missouri-Worthware Montana State University Montana State University Montana State University Montana State University Montana X Montana State University-Northern Havre Montana X Montana Tech of the University of Montana Missoula Montana X Montana Tech of the University of Montana Missoula Montana X Montana Tech Of the University of Montana Missoula Montana X Montana X Montana Missoula Montana X Montana Missoula Montana X Montana Missoula Montana X Montana Missoula Montana X Montana Montana Montana X Montana Montana Missoula Montana X Montana Missoula Montana X Montana X Montana Montana X	x	х	х	х	х	х		
Missouri University of Science and Technology Missouri Western State University Saint Joseph Missouri X Northwest Missouri State University Maryville Missouri X Southeast Missouri State University Cape Girardeau Missouri X Truman Medical Center School of Nurse Anesthesia Kansas City Missouri X Truman State University Maryville Missouri X Truman State University Missouri X University of Central Missouri Marensburg Missouri University of Missouri-Columbia University of Missouri-St Louis Missouri University of Missouri-St Louis Missouri Montana State University Montana State University Bozeman Montana Montana State University-Billings Montana Montana State University-Northern Havre Montana Montana Tech of the University of Montana The University of Montana Missoula Montana Montana Missouri Montana Missouri Montana Montana X Montana State University-Billings Montana X Montana State University of Montana Missouri Montana X Montana State University of Montana Missouri Montana X Montana State University of Montana Montana Montana Montana X Montana X Montana Montana X Monta	x		х		Х	Х		<u> </u>
Missouri Western State University Northwest Missouri State University Maryville Missouri State University Maryville Missouri X Truman Medical Center School of Nurse Anesthesia Truman Medical Center School of Nurse Anesthesia Kansas City Missouri X Truman State University Kirksville Missouri X University of Central Missouri University of Missouri-Columbia University of Missouri-Columbia University of Missouri-Columbia University of Missouri-St Louis Montana State University Bozeman Montana State University Montana State University Billings Montana State University-Billings Montana State University-Northern Havre Montana State University of Montana Missoula Montana Tech of the University of Montana Missoula Montana Tech of the University of Montana The University of Montana-Western Dillon Montana The University of Montana Chadron State College Chadron Nebraska X University of Nebraska at Kearney Mebraska X University of Nebraska at Omaha University of Nebraska at Omaha University of Nebraska at Omaha University of Nebraska Medical Center U		ļ!		Х	х	Х		
Northwest Missouri State University Southeast Missouri State University Cape Girardeau Missouri x Truman Medical Center School of Nurse Anesthesia Kansas City Missouri x Truman State University Kirksville Missouri x University of Central Missouri Warrensburg Missouri X University of Missouri-Columbia University of Missouri-St Louis Missouri University of Missouri-St Louis Missouri University of Missouri-St Louis Missouri Montana State University Bozeman Montana State University-Billings Montana State University-Billings Montana State University-Northern Havre Montana Montana Tech of the University of Montana Warrensburg Missouri Wantana Wasouri Wantana Wantana Warrensburg Missouri Wantana Wantana Wantana Warrensburg Missouri Wantana Wantana Wantana Warrensburg Missouri Wantana Warrensburg Wantana Warrensburg Warrensburg Missouri Wasouri Wasouri Wantana Wasouri Wasouri Wasouri Wasouri Wasouri Wasouri Wasouri Wantana Wasouri	х	ļ	х	Х	Х	Х		<u> </u>
Southeast Missouri State University Truman Medical Center School of Nurse Anesthesia Kansas City Missouri X Truman State University Missouri University of Central Missouri University of Missouri-Columbia University of Missouri-Kansas City Missouri University of Missouri-St Louis Missouri Montana State University Montana State University Montana State University Montana State University-Northern Montana State University-Northern Montana State University-Northern Montana State University of Montana The University of Montana The University of Montana The University of Montana Western Dillon Montana X Peru Nebraska X Peru Nebraska X University of Nebraska at Kearney Kearney Nebraska X University of Nebraska at Omaha Omaha Nebraska X University of Nebraska Medical Center Omaha Nebraska X University of Nebraska Medical Center Omaha Nebraska X University of Nebraska Mayne Nebraska X University of Nebraska Mayne Nebraska X University of Nebraska X University of Nebraska Mayne Nebraska X University of Nevada X Nevada X Nevada X Nevada X Nevada X Nevada V	X	ļ			X	X		<u> </u>
Truman Medical Center School of Nurse Anesthesia Kansas City Missouri X Truman State University University of Central Missouri University of Missouri-Columbia University of Missouri-Columbia University of Missouri-St Louis Missouri Missouri University of Missouri-St Louis Montana State University-Billings Montana State University-Northern Montana State University-Northern Havre Montana State University of Montana Montana Tech of the University of Montana The University of Montana Missoula Montana The University of Montana-Western Chadron State College Chadron Nebraska X Peru State College Peru Nebraska X University of Nebraska at Kearney University of Nebraska at Kearney University of Nebraska Medical Center University of Nebraska Medical Center Wayne Wayne State College Wayne Nebraska X University of Nebraska-Lincoln Lincoln Nebraska X University of Nebraska College Wayne Nebraska X University of Nebraska College Wayne Nebraska X University of Nebraska X University of Nebraska College Wayne Nebraska X University of Nebraska Las Vegas Nevada X Nevada X Nevada Nevada Nevada University of Nevada-Las Vegas Las Vegas Nevada Nevada Nevada Nevada University of Nevada-Reno Reno Nevada	X			X	X	X		
Truman State University	X			Х	X	X		<u> </u>
University of Central Missouri X University of Missouri-Columbia Columbia Missouri University of Missouri-Kansas City Missouri University of Missouri-St Louis Missouri Montana State University Montana State University Montana State University-Billings Montana State University-Billings Montana State University-Northern Havre Montana X Montana State University-Northern Havre Montana X Montana Tech of the University of Montana Missoula Montana Montana Missoula Montana Montana Montana Montana Missoula Montana	X	ļ	X	v	X	X		
University of Missouri-Columbia Columbia Missouri University of Missouri-St Louis Kansas City Missouri Montana State University Bozeman Montana Montana State University-Billings Billings Montana Montana State University-Northern Havre Montana Montana Tech of the University of Montana Butte Montana The University of Montana Missoula Montana The University of Montana-Western Dillon Montana Chadron State College Chadron Nebraska Peru Nebraska x University of Nebraska at Kearney Kearney Nebraska University of Nebraska at Omaha Omaha Nebraska x University of Nebraska Medical Center Omaha Nebraska x University of Nebraska-Lincoln Lincoln Nebraska x University of Nebraska-Lincoln Lincoln Nebraska x College of Southern Nevada Las Vegas Nevada x College of Southern Nevada Las Vegas	X	ļ		X	X	X		
University of Missouri-Kansas City University of Missouri-St Louis Montana State University Bozeman Montana State University Bozeman Montana State University-Billings Montana State University-Northern Havre Montana State University-Northern Havre Montana State University of Montana Montana State University of Montana Montana Tech of the University of Montana Missoula Montana The University of Montana Missoula Montana Montana Missoula Montana Montana The University of Montana-Western Dillon Montana X Chadron State College Chadron Nebraska X Peru State College Peru Nebraska X University of Nebraska at Kearney Kearney Nebraska X University of Nebraska at Omaha Omaha Nebraska X University of Nebraska Medical Center Momaha Mebraska X University of Nebraska Medical Center Mayne Mayne Mebraska Wayne Nebraska X College of Southern Nevada Las Vegas Nevada X Nevada X University of Nevada-Las Vegas University of Nevada Las Vegas Nevada Mevada University of Nevada-Reno Nevada Carson City Nevada X	_^			^	^	^		
University of Missouri-St Louis Montana State University Montana State University Montana State University-Bllings Montana State University-Bllings Montana State University-Northern Havre Montana State University of Montana Montana Tech of the University of Montana Missoula Montana Missoula Montana The University of Montana-Western Dillon Montana Chadron State College Chadron Nebraska Peru State College Peru Nebraska University of Nebraska at Kearney Kearney Nebraska University of Nebraska at Omaha University of Nebraska Medical Center Omaha Nebraska University of Nebraska Medical Center Omaha Nebraska University of Nebraska Lincoln University of Nebraska University of Nebraska Medical Center Omaha Nebraska College Wayne Nebraska X College of Southern Nevada Las Vegas Nevada X Nevada X Nevada University of Nevada-Las Vegas Las Vegas Nevada University of Nevada-Reno Reno Nevada X Nevada X Nevada V Nevada X	×			Х	x	x		
Montana State University Montana State University-Billings Billings Montana State University-Billings Montana State University-Billings Montana State University-Morthern Havre Montana X Montana Tech of the University of Montana The University of Montana The University of Montana Missoula Montana Montana The University of Montana-Western Dillon Montana X Chadron State College Chadron Nebraska X Peru Nebraska X University of Nebraska at Kearney Mebraska X University of Nebraska at Omaha University of Nebraska at Omaha University of Nebraska Medical Center Mayne University of Nebraska-Lincoln Lincoln Nebraska Wayne Nebraska X College Henderson Nevada X Nevada University of Nevada-Las Vegas Las Vegas Nevada University of Nevada-Reno Nevada Carson City Nevada	- x	 		X	x	x		
Montana State University-Billings Montana State University-Northern Havre Montana State University of Montana Montana Tech of the University of Montana Butte Montana The University of Montana Missoula Montana Montana Missoula Montana Mont	x	 				x		
Montana Tech of the University of Montana The University of Montana Missoula Montana Missoula Montana Montana Missoula Montana Montana The University of Montana-Western Dillon Montana X Chadron State College Chadron Nebraska X Peru State College Peru Nebraska X University of Nebraska at Kearney Kearney Nebraska Montana X Metraska X University of Nebraska at Medical Center Momaha Metraska Montana X Metraska X University of Nebraska Medical Center Momaha Metraska Montana X Metraska X University of Nebraska Medical Center Momaha Metraska Montana X Metraska X University of Nebraska Medical Center Momaha Metraska Montana X Metraska X University of Nebraska Montana X Metraska X Metraska X University of Nebraska Montana X Metraska X Metraska X University of Nebraska Montana X Metraska X Metraska X University of Nevada Las Vegas Mevada Montana X Metraska X Metraska X Metraska X Metraska X Mevada Metraska X Mevada Metraska X Mevada Metraska Metra	х		х		х	х		
The University of Montana The University of Montana-Western Dillon Montana X Chadron State College Chadron Nebraska X Peru State College Peru Nebraska University of Nebraska at Kearney Mebraska University of Nebraska at Comaha University of Nebraska at Omaha University of Nebraska Medical Center Omaha Nebraska University of Nebraska Medical Center Mayne State College Wayne College Wayne Nebraska X University of Nebraska-Lincoln University of Nebraska-Lincoln University of Nebraska-Lincoln University of Nebraska Wayne Nebraska X College of Southem Nevada Las Vegas Nevada X Nevada University of Nevada-Las Vegas Las Vegas Nevada University of Nevada-Reno Reno Nevada Western Nevada College Carson City Nevada	х	i	х		х	х		
The University of Montana-Western Dillon Montana x Chadron State College Chadron Nebraska x Peru State College Peru Nebraska x University of Nebraska at Kearney Kearney Nebraska x University of Nebraska at Omaha Omaha Nebraska x University of Nebraska Medical Center Omaha Nebraska x University of Nebraska-Lincoln Lincoln Nebraska X University of Nevada X University of Nevada X Revada State College Elko Nevada X Nevada State College Henderson Nevada X University of Nevada-Las Vegas Nevada University of Nevada-Reno Reno Nevada Western Nevada College Carson City Nevada X	х		Х	Х	Х	Х		
Chadron State College Chadron Nebraska x Peru State College Peru Nebraska x University of Nebraska at Kearney Kearney Nebraska x University of Nebraska at Omaha Omaha Nebraska x University of Nebraska Medical Center Omaha Nebraska x University of Nebraska-Lincoln Lincoln Nebraska Wayne State College Wayne Nebraska x College of Southern Nevada Las Vegas Nevada x Great Basin College Elko Nevada x Nevada State College Henderson Nevada x University of Nevada-Las Vegas Las Vegas Nevada University of Nevada-Reno Reno Nevada Western Nevada College Carson City Nevada	х			х	х	Х		
Peru State College Peru Nebraska x University of Nebraska at Kearney Nebraska at Comaha Nebraska at Omaha Nebraska x University of Nebraska Medical Center Nuiversity of Nebraska-Lincoln Nebraska Wayne State College Wayne Nebraska Nevada X College of Southern Nevada Las Vegas Nevada X Nevada X Nevada X Nevada X Nevada X College Nevada X Nevada Nevada X Nevada	х		х		х	Х		
University of Nebraska at Kearney University of Nebraska at Comaha University of Nebraska at Comaha University of Nebraska Medical Center Wayne State College Wayne Nebraska X College of Southern Nevada Las Vegas Nevada X Great Basin College Elko Nevada X Nevada State College Henderson Nevada X University of Nevada-Las Vegas University of Nevada-Reno Reno Nevada Western Nevada College Carson City Nevada X	х	ļ!	х		х	Х		
University of Nebraska at Omaha University of Nebraska Medical Center Omaha Nebraska University of Nebraska-Lincoln Lincoln Nebraska Wayne State College Wayne Nebraska X College of Southern Nevada Las Vegas Nevada X Great Basin College Elko Nevada X Nevada State College Henderson Nevada X University of Nevada-Reno Reno Nevada Western Nevada College Carson City Nevada X	Х		х		х	Х		<u> </u>
University of Nebraska Medical Center University of Nebraska Medical Center University of Nebraska-Lincoln Wayne State College Wayne Nebraska X College of Southern Nevada Las Vegas Nevada X Great Basin College Elko Nevada X Nevada X Nevada State College Henderson Nevada University of Nevada-Las Vegas University of Nevada-Reno Reno Nevada Western Nevada College Carson City Nevada X	X	ļ	х	Х	Х	Х		
University of Nebraska-Lincoln Wayne State College Wayne Nebraska X College of Southern Nevada Great Basin College Elko Nevada X Nevada X Nevada X University of Nevada-Las Vegas University of Nevada-Reno Western Nevada College Carson City Nevada X	X	ļ		Х	X	X		<u> </u>
Wayne Nebraska x College of Southern Nevada Las Vegas Nevada x Great Basin College Elko Nevada x Nevada State College Henderson Nevada x University of Nevada-Las Vegas Las Vegas Nevada University of Nevada-Reno Reno Nevada Western Nevada College Carson City Nevada	x		Х		Х	Х		
College of Southern Nevada Las Vegas Nevada x Great Basin College Elko Nevada x Nevada State College Henderson Nevada x University of Nevada-Las Vegas Las Vegas Nevada University of Nevada-Reno Reno Nevada Western Nevada College Carson City Nevada x		ļ	~		v	v		
Great Basin College Elko Nevada x Nevada State College Henderson Nevada x University of Nevada-Las Vegas Las Vegas Nevada University of Nevada-Reno Reno Nevada Western Nevada College Carson City Nevada		_	×		×	X V		
Nevada State College Henderson Nevada x University of Nevada-Las Vegas Las Vegas Nevada University of Nevada-Reno Reno Nevada Western Nevada College Carson City Nevada		<u>^</u>	^ Y		^ v	Λ Υ		-
University of Nevada-Las Vegas Las Vegas Nevada University of Nevada-Reno Reno Nevada Western Nevada College Carson City Nevada	- x	×	x		x	x		
University of Nevada-Reno Reno Nevada Western Nevada College Carson City Nevada x	<u> </u>	x		Х	x	x		
Western Nevada College Carson City Nevada x	x					X		
Granite State College Concord New Hampshire x	х		х		х	х		
	х		х		х	х	х	
Keene State College Keene New Hampshire x	х				Х	х	х	
Plymouth State University Plymouth New Hampshire x	х		Х	Х	Х	Х	Х	
University of New Hampshire at Manchester Manchester Manchester New Hampshire x	х				х	Х	Х	
University of New Hampshire-Main Campus Durham New Hampshire	х					х	х	
Kean University Union New Jersey x	Y	х	х	х	х	х		
Montclair State University Montclair New Jersey x New Jersey x Vew Jersey X	^	x	x	Х	х	Х		

Appendix 6 - Tillesiloid Approa	cii Oilteila	x = not ma	atching on C	CPE-defir	iea criteria	a					
in attitution mana								US Fed			
institution name								research			1
red: chosen by university as peers of UNL								less			ł
blue: Big Ten institutions not chosen by University as peers of				Fall			STEM	medical			1
UNL			Carnegie	enrollment		program	program	science =	PhDs		
			Basic = high	= 20.000 -	% minority		similarity	\$50,000 -	granted =	States not	ł
	City	State	or very high	40,000	< 30%	scores <8.5		\$210,000	175 - 450	NY or in NE	COUNT
New Jersey Institute of Technology	Newark	New Jersey	, ,	x	х	х	х		х		5
Ramapo College of New Jersey	Mahwah	New Jersey	х	х			х	х	х		5
Rowan University	Glassboro	New Jersey	х	х			х	х	х		5
Rutgers University-Camden	Camden	New Jersey	х	x	х	х	х	х	х		7
Rutgers University-New Brunswick	New Brunswick	New Jersey		X	X			X			3
Rutgers University-Newark	Newark	New Jersey		х	x	х	х	x	х		6
The College of New Jersey	Ewing	New Jersey	х	х		х		х	х		5
The Richard Stockton College of New Jersey	Galloway	New Jersey	х	х			х	x	х		5
Thomas Edison State College	Trenton	New Jersey	х			х		х	х		4
University of Medicine and Dentistry of New Jersey	Newark	New Jersey	х	х	x	х	х		х		6
William Paterson University of New Jersey	Wayne	New Jersey	х	х	х	х	х	х	х		7
Eastern New Mexico University-Main Campus	Portales	New Mexico	х	х	х	х	х	х	х		7
Institute of American Indian and Alaska Native Culture	Santa Fe	New Mexico	х	х	х	х		х	х		6
Navajo Technical University	Crownpoint	New Mexico	х	х	x	х		x	х		6
New Mexico Highlands University	Las Vegas	New Mexico	х	х	x	х	х	x	х		7
New Mexico Institute of Mining and Technology	Socorro	New Mexico	х	х	x	х	х	х	х		7
New Mexico State University-Main Campus	Las Cruces	New Mexico		х	x				х		3
Northern New Mexico College	Espanola	New Mexico	х	х	х	х		х	х		6
University of New Mexico-Main Campus	Albuquerque	New Mexico			x		х		х		3
Western New Mexico University	Silver City	New Mexico	х	х	х	х		х	х		6
Buffalo State SUNY	Buffalo	New York	х	х		х	Х	х	х	х	7
College of Staten Island CUNY	Staten Island	New York	х	х	х	х	Х	х	х	х	8
CUNY Bernard M Baruch College	New York	New York	х	х	х	х	х	x	х	х	8
CUNY Brooklyn College	Brooklyn	New York	х	х	х	х	Х	х	х	х	8
CUNY City College	New York	New York	х	х	x	x		х	х	х	7
CUNY Graduate School and University Center	New York	New York		х	x	x	x	х		х	6
CUNY Hunter College	New York	New York	х		x	x	Х	х	х	х	7
CUNY John Jay College of Criminal Justice	New York	New York	x	х	x	х		x	х	x	7
CUNY Lehman College	Bronx	New York	x	х	x	x	x	x	х	x	8
CUNY Medgar Evers College	Brooklyn	New York	x	х	x			x	х	x	6
CUNY New York City College of Technology	Brooklyn	New York	x	х	х			Х	Х	x	6
CUNY Queens College	Flushing	New York	х	х	х	х	Х	x	х	х	8
CUNY School of Law at Queens College	Long Island City	New York	х	х	х	х		x	х	х	7
CUNY York College	Jamaica	New York	х	х	х	х		x	х	х	7
Farmingdale State College	Farmingdale	New York	х	х	х			х	х	х	6
Fashion Institute of Technology	New York	New York	х	Х	х	х		х	Х	х	7
Morrisville State College	Morrisville	New York	х	Х		х		х	х	х	6
State University of New York at New Paltz	New Paltz	New York	х	х		х	Х	x	х	х	7
Stony Brook University	Stony Brook	New York			х		Х			х	3
SUNY at Albany	Albany	New York		х		х	Х		х	х	5
SUNY at Binghamton	Vestal	New York		х			Х	х	х	х	5
SUNY at Fredonia	Fredonia	New York	х	Х		х	х	х	х	х	7
SUNY at Purchase College	Purchase	New York	х	Х		х		Х	Х	х	6
SUNY College at Brockport	Brockport	New York	х	Х		Х	Х	Х	Х	Х	7
SUNY College at Cortland	Cortland	New York	х	Х		х		Х	Х	х	6
SUNY College at Geneseo	Geneseo	New York	х	Х				Х	Х	Х	5
SUNY College at Old Westbury	Old Westbury	New York	х	Х	Х		Х	Х	Х	Х	7
SUNY College at Oswego	Oswego	New York	х	Х		х	Х	Х	Х	Х	7
SUNY College at Plattsburgh	Plattsburgh	New York	х	Х		Х		Х	Х	х	6
SUNY College at Potsdam	Potsdam	New York	х	Х		Х	Х	Х	Х	х	7
SUNY College of Agriculture and Technology at Cobleskil	Cobleskill	New York	х	Х				X	Х	x	5

Institution name red: chosen by university as peers of UNL		COUNT 7 6 6 6 6 7 7
Test Chosen by university as peers of UNL		7 7 6
Pall		7 7 6
Divide Big Ten institutions not chosen by University as peers of UNL State Carnegie Fall Post Post		7 7 6
UNL City State City State Canegle Basic = high 20,000 < 30% similarly similarly similarly similarly similarly similarly similarly similarly similarly sources New York X X X X X X X X X		7 7 6
State		7 7 6
SUNY College of Environmental Science and Forestry Syracuse New York x x x x x x x x x		7 7 6
SUNY College of Technology at Alfred	X X X X X X X X X X X X X X X X X X X	7 7 6
SUNY College of Technology at Alfred	x x x x x x x x x x x x x x x x x x x	
SUNY College of Technology at Alfred	x x x x x x x x x x x x x x x x x x x	
SUNY College of Technology at Canton	x x x x x x x x x x x x x x x x x x x	
SUNY College of Technology at Delhi Delhi New York x	x x x x x x x x x x x x x x x x x x x	- 6
SUNY Downstate Medical Center	x x x x x x x x x x x x x x x x x x x	
SUNY Institute of Technology at Utica-Rome	x x x x x	
SUNY Maritime of Technology at Utica-Rome	x x x x x x x x x x x x x x x x x x x	
SUNY Oneonta	x x x x x x x x x x x x x x x x x x x	
SUNY Oneonta Oneonta New York X X X X X X X X X X X X X	x x x	
United States Merchant Marine Academy Kings Point New York X X X X X X X X X X X X X	x	7
United States Military Academy West Point New York New York University at Buffalo Buffalo Buffalo New York New York New York Wadsworth Center-NY State Dept of Health Albany New York New York Wadsworth Center-NY State Dept of Health Albany New York New York X X X X X X X X X X X X X	x	
University at Buffalo Upstate Medical University Syracuse New York X X X X X X X X X X X X X X X X X X X		
Upstate Medical University Syracuse New York X X X X X X X X X X X X X	х	1
Wadsworth Center-NY State Dept of Health Albany New York x x x x x Appalachian State University Boone North Carolina x <th< td=""><td>x</td><td>7</td></th<>	x	7
Appalachian State University Boone North Carolina x x x x x x x x x x x x x x x x x x x	x	Ę
Elizabeth City State University Elizabeth City North Carolina		Ę
Fayetteville State University Fayetteville North Carolina		
North Carolina A & T State University North Carolina Central University Durham North Carolina X X X X X X X X X		F
North Carolina Central University Durham North Carolina X X X X X X X X X X X X X		7
North Carolina State University at Raleigh Raleigh North Carolina North Carolina x x x x x x x x x x x x x x x x x x x		Ę
University of North Carolina at Asheville Asheville Asheville North Carolina X X X X X X X X X X X X X		7
University of North Carolina at Chapel Hill Chapel Hill North Carolina		
University of North Carolina at Charlotte Charlotte Charlotte North Carolina X X X X X X University of North Carolina at Greensboro Greensboro North Carolina X X X X X X X X X X X X X		5
University of North Carolina at Greensboro Greensboro North Carolina X X X X X X X X X X X X X		
University of North Carolina at Pembroke Pembroke North Carolina x x x x x x x x x x x x x x x x x x x		Δ
University of North Carolina School of the Arts Winston-Salem North Carolina x x x x x x x x x x x x x		6
University of North Carolina Wilmington Wilmington North Carolina x x x x x x x x x x x x x x x x x x x		e
Western Carolina University Cullowhee North Carolina x x x x x x x x x x x x x x x x x x x		5
Winston-Salem State University Winston-Salem North Carolina x x x x x x x x x x		5
	\bot	6
IRismarck State College		7
		5
Dickinson State University Dickinson North Dakota x x x x x x x x x x x x x x x x x x x	++	4
Fort Berthold Community College New Town North Dakota x x x x x x x	++	6
Mayville State University Mayville North Dakota x x x x x	++	5
Minot State University Minot North Dakota x x x x x x x x x x x x x x x x x x x	++	
North Dakota State University-Main Campus Fargo North Dakota x x x x Sitting Bull College Fort Yates North Dakota x x x x	++	
Sitting Bull College Fort Yates North Dakota X X X X X X X X X X X X X X X X X X X	++	
Valley City State University Valley City Valley City North Dakota X X X X X X X X X X X X X	++	
Air Force Institute of Technology-Graduate School of Engineering & Manage Wright-Patterson AFB Ohio x x x x x x x x x	++	
Bowling Green State University-Main Campus Bowling Green Ohio X X X X X X X X X	++	
Central State University Wilberforce Ohio X X X X X X X	+	5
Cerutar date University William Cleveland Ohio A A A X X	+	-
Cieverland State University at Ashtabula Ohio x x x x x	+	5
Kent State University at East Liverpool East Liverpool Ohio x x x x x	+	5
Kent State University at Geauga Burton Ohio x x x x x	++	
Kent State University at Kent Skent	1	
Kent State University at Salem Salem Ohio x x x x x x	+	
Kent State University at Stark Canton Ohio x x x x x	##	,
Kent State University at Trumbull Warren Ohio x x x x x x		

Appendix 6 - Tillesiloid Apploa	on Ontona	X = HOU HIS	atching on C	CPE-delli	lea Criteria	a I	1			1	
institution name								US Fed research			
red: chosen by university as peers of UNL								less			
blue: Big Ten institutions not chosen by University as peers of				Fall			STEM	medical			
UNL			Carnegie	enrollment			program	science =	PhDs		
			Basic = high	= 20,000 -	% minority		similarity	\$50,000 -	granted =	States not	
	City	State	or very high	40,000	< 30%	scores <8.5	score <11	\$210,000	175 - 450	NY or in NE	COUNT
Kent State University at Tuscarawas	New Philadelphia	Ohio	х	х		х		Х	х		
Miami University-Hamilton	Hamilton	Ohio	х	х		х		Х	Х		
Miami University-Middletown	Middletown	Ohio	х	х		х		Х	Х		
Miami University-Oxford	Oxford	Ohio		х			Х	Х	Х		4
Northeast Ohio Medical University	Rootstown	Ohio	X	X		X		X	X		
Ohio State University-Lima Campus Ohio State University-Main Campus	Lima Columbus	Ohio Ohio	Х	X		Х		Х	Х		5
Ohio State University-Mansfield Campus	Mansfield	Ohio	v	X		v		X	X		3
Ohio State University-Marisheid Campus Ohio State University-Marion Campus	Marion	Ohio	X	X		X		X	X		
Ohio State University-Marion Campus Ohio State University-Newark Campus	Newark	Ohio	× ×	×		×		X V	×		- 5
Ohio University-Chillicothe Campus	Chillicothe	Ohio	· ·	^ v		^ v		^ v	^ v		
Onio University-Chinicotrie Campus Ohio University-Eastern Campus	Saint Clairsville	Ohio	Ŷ	^ Y		^ Y		Α Υ	^ Y		5
Ohio University-Lancaster Campus Ohio University-Lancaster Campus	Lancaster	Ohio	r v	^ v		^ v		Α Υ	^ Y		-
Onio University-Lancaster Campus Ohio University-Main Campus	Athens	Ohio	^	^		^ v	Y	^ Y	^ Y		
Ohio University-Southern Campus	Ironton	Ohio	Y	Y		^ Y	^	Y	v		
Ohio University-Zanesville Campus	Zanesville	Ohio	×	x		×		x	x		5
Shawnee State University	Portsmouth	Ohio	x	x		x		X	X		5
University of Akron Main Campus	Akron	Ohio					x	X	x		3
University of Cincinnati-Blue Ash College	Blue Ash	Ohio	х	х		х	^	X	X		5
University of Cincinnati-Clermont College	Batavia	Ohio	x	x		x		X	X		5
University of Cincinnati-Main Campus	Cincinnati	Ohio									0
University of Toledo	Toledo	Ohio					х	х	х		3
Wright State University-Lake Campus	Celina	Ohio	х	х			х	x	х		5
Wright State University-Main Campus	Dayton	Ohio		х			х	x	х		4
Youngstown State University	Youngstown	Ohio	х	х			х	х	х		5
Cameron University	Lawton	Oklahoma	х	х	х	х		х	х		6
East Central University	Ada	Oklahoma	х	х	Х	x		Х	Х		6
Langston University	Langston	Oklahoma	х	х	х	х		x	х		6
Northeastern State University	Tahlequah	Oklahoma	х	х	Х		х	Х	х		6
Northwestern Oklahoma State University	Alva	Oklahoma	х	х		х		x	х		5
Oklahoma Panhandle State University	Goodwell	Oklahoma	х	x	x			x	х		5
Oklahoma State University Center for Health Sciences	Tulsa	Oklahoma	х	х		х		Х	х		5
Oklahoma State University Institute of Technology	Okmulgee	Oklahoma	х	х	х	х		х	х		6
Oklahoma State University-Main Campus	Stillwater	Oklahoma									C
Oklahoma State University-Oklahoma City	Oklahoma City	Oklahoma	х	х	Х	х		Х	Х		- 6
Rogers State University	Claremore	Oklahoma	х	х	х			х	Х		5
Southeastern Oklahoma State University	Durant	Oklahoma	X	X	Х		Х	X	X		- 6
Southwestern Oklahoma State University University of Central Oklahoma	Weatherford	Oklahoma	X	X		X		X	X		5
University of Central Oklahoma University of Oklahoma-Health Sciences Center	Edmond Oklahoma City	Oklahoma Oklahoma	X	X		X	Х	Х	X		6
University of Oklahoma-Norman Campus	Norman City	Oklahoma	^	^	-	^	-	-	^	1	4
University of Oklahoma-Norman Campus University of Science and Arts of Oklahoma	Chickasha	Oklahoma	·	v				v	v		
Eastern Oregon University	La Grande	Oregon	Ŷ	Y Y		v		Y Y	Υ Υ	-	
Oregon Health & Science University	Portland	Oregon	v v	^ v		^ v	Y	^	^ Y		
Oregon Institute of Technology	Klamath Falls	Oregon	x	x	1	x	×	x	x		
Oregon State University	Corvallis	Oregon	^	^		^	^	^	^		
Oregon State University-Cascades Campus	Bend	Oregon	x	x		x		х	x		-
Portland State University	Portland	Oregon						x	x		
Southern Oregon University	Ashland	Oregon	x	х		х	х	X	X		F
University of Oregon	Eugene	Oregon	İ				х		х		2
Western Oregon University	Monmouth	Oregon	х	х		х	х	х	х		6
5 9											1

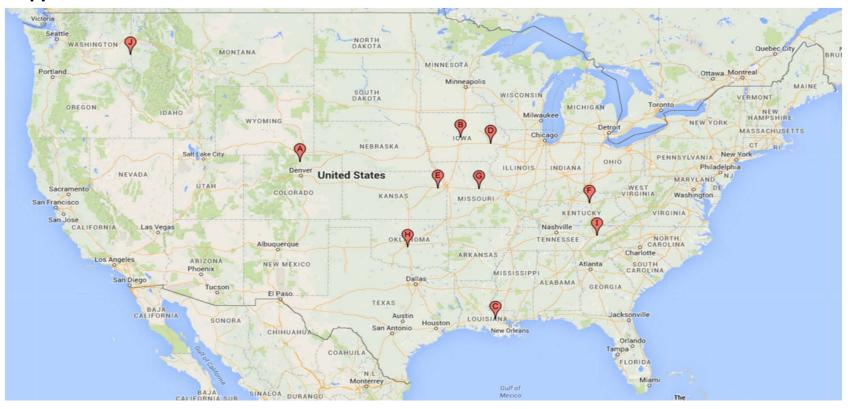
inatitutian nama								US Fed			
institution name								research			
red: chosen by university as peers of UNL								less			
blue: Big Ten institutions not chosen by University as peers of				Fall			STEM	medical			
UNL			Carnegie	enrollment			program	science =	PhDs		
			Basic = high	= 20,000 -	% minority		similarity	\$50,000 -	granted =	States not	
	City	State	or very high	40,000	< 30%	scores <8.5	score <11	\$210,000	175 - 450	NY or in NE	COUNT
Bloomsburg University of Pennsylvania	Bloomsburg	Pennsylvania	x	х			х	х	Х		
California University of Pennsylvania	California	Pennsylvania	x	х		x	х	х	Х		
Cheyney University of Pennsylvania	Cheyney	Pennsylvania	х	x	x	х		х	x		
Clarion University of Pennsylvania	Clarion	Pennsylvania	х	х		х	Х	х	х		
East Stroudsburg University of Pennsylvania	East Stroudsburg	Pennsylvania	х	х		х	Х	х	Х		
Edinboro University of Pennsylvania	Edinboro	Pennsylvania	х	х		х	Х	х	Х		
Indiana University of Pennsylvania-Main Campus	Indiana	Pennsylvania	х	х			х	х	х		
Kutztown University of Pennsylvania	Kutztown	Pennsylvania	Х	х			х	Х	х		
Lincoln University of Pennsylvania	Lincoln University	Pennsylvania	X	X	Х	X		X	X		
Lock Haven University	Lock Haven	Pennsylvania	х	Х		Х		Х	Х		
Mansfield University of Pennsylvania	Mansfield	Pennsylvania	X	X		Х		X	X		
Millersville University of Pennsylvania	Millersville	Pennsylvania	х	х			х	х	х		
Pennsylvania College of Technology	Williamsport	Pennsylvania	х	х		х		х	х		
Pennsylvania State University-College of Medicine	Hershey	Pennsylvania	Х	X		Х		Х	X		
Pennsylvania State University-Main Campus	University Park	Pennsylvania		X				X	X		
Pennsylvania State University-Penn State Abington	Abington	Pennsylvania	X	X	Х	Х		X	X		
Pennsylvania State University-Penn State Altoona Pennsylvania State University-Penn State Beaver	Altoona	Pennsylvania	X	X				X	X		
Pennsylvania State University-Penn State Beaver Pennsylvania State University-Penn State Berks	Monaca	Pennsylvania	X	X		Х		X	X		-
Pennsylvania State University-Penn State Berks Pennsylvania State University-Penn State Brandywine	Reading Media	Pennsylvania	X	X				X	X	-	· ·
Pennsylvania State University-Penn State Dubois	DuBois	Pennsylvania Pennsylvania	X	X		X		X	X	-	
Pennsylvania State University-Penn State Erie-Behrend College	Erie	Pennsylvania	X	X				X	X		
Pennsylvania State University-Penn State Energement College Pennsylvania State University-Penn State Fayette- Eberly	Lemont Furnace	Pennsylvania	X V	×		~	X	×	×		<u> </u>
Pennsylvania State University-Penn State Great Valley	Malvern	Pennsylvania	×	×		×		×	×		· ·
Pennsylvania State University-Penn State Greater Allegheny	McKeesport	Pennsylvania	^ v	^ v	~	^ v		^ v	^ ~		·
Pennsylvania State University-Penn State Harrisburg	Middletown	Pennsylvania	v v	^ Y	^	^	Y	Y	^ Y		·
Pennsylvania State University-Penn State Hazleton	Hazleton	Pennsylvania	Y	Y	v	Y	^	Y	Y Y	-	
Pennsylvania State University-Penn State Lehigh Valley	Center Valley	Pennsylvania	x	×	^	×		×	×	-	
Pennsylvania State University-Penn State Mont Alto	Mont Alto	Pennsylvania	Y	Y		Y		Y	Y Y	-	
Pennsylvania State University-Penn State New Kensington	New Kensington	Pennsylvania	x	×				×	×	-	
Pennsylvania State University-Penn State Schuylkill	Schuylkill Haven	Pennsylvania	x	x	×	x		x	x		
Pennsylvania State University-Penn State Shenango	Sharon	Pennsylvania	x	x		x		x	x		
Pennsylvania State University-Penn State Wilkes-Barre	Lehman	Pennsylvania	x	x		x		x	x		
Pennsylvania State University-Penn State Worthington Scranton	Dunmore	Pennsylvania	x	x		x		x	x		
Pennsylvania State University-Penn State York	York	Pennsylvania	х	х		х		х	х		
Pennsylvania State University-World Campus	University Park	Pennsylvania	х	х			х	х	х		
Shippensburg University of Pennsylvania	Shippensburg	Pennsylvania	х	х			х	x	х		
Slippery Rock University of Pennsylvania	Slippery Rock	Pennsylvania	х	х		х	х	х	х		
Temple University	Philadelphia	Pennsylvania									
The Dickinson School of Law of the Pennsylvania State University	Carlisle	Pennsylvania	х	х		х		х	x		
University of Pittsburgh-Bradford	Bradford	Pennsylvania	х	х				х	х		
University of Pittsburgh-Greensburg	Greensburg	Pennsylvania	х	х				х	х		
University of Pittsburgh-Johnstown	Johnstown	Pennsylvania	х	х				х	х		
University of Pittsburgh-Pittsburgh Campus	Pittsburgh	Pennsylvania				х	х	Х			
West Chester University of Pennsylvania	West Chester	Pennsylvania	х	Х		Х	х	Х	х		
Rhode Island College	Providence	Rhode Island	х	Х		Х	х	Х	Х	Х	
University of Rhode Island	Kingston	Rhode Island		х					х	х	
Citadel Military College of South Carolina	Charleston	South Carolina	х	Х			х	Х	х		
Clemson University	Clemson	South Carolina									
Coastal Carolina University	Conway	South Carolina	х	х			х	х	х		
College of Charleston	Charleston	South Carolina	х	х			x	х	x		

institution name								US Fed			
red: chosen by university as peers of UNL								research			
								less			
blue: Big Ten institutions not chosen by University as peers of				Fall			STEM	medical			
UNL			Carnegie	enrollment	0/		program	science =	PhDs	01-1	
	City	State	Basic = high or very high	= 20,000 - 40,000	% minority < 30%	similarity scores <8.5	similarity	\$50,000 - \$210,000	granted = 175 - 450	States not NY or in NE	COUNT
Francis Marion University	Florence	South Carolina	v very might	40,000 Y	V 30 /6	300163 (0.3	30016 (11	φ210,000 Y	Y	INT OF HEINE	COUNT
Lander University	Greenwood	South Carolina	×	×	x	×		x	x		
Medical University of South Carolina	Charleston	South Carolina	x	×	^	x	X	^	x		
South Carolina State University	Orangeburg	South Carolina	х	х	х	х		х	х		
University of South Carolina-Aiken	Aiken	South Carolina	х	х	х			х	х		
University of South Carolina-Beaufort	Bluffton	South Carolina	х	х	х			х	х		1
University of South Carolina-Columbia	Columbia	South Carolina					Х				
University of South Carolina-Upstate	Spartanburg	South Carolina	х	x	Х	х		х	Х		
Winthrop University	Rock Hill	South Carolina	x	х	х	x	Х	х	Х		
Black Hills State University	Spearfish	South Dakota	х	х		Х	х	х	Х		<u> </u>
Dakota State University	Madison	South Dakota	х	х			х	х	Х		<u> </u>
Northern State University	Aberdeen	South Dakota	х	х		х	Х	х	Х		
Oglala Lakota College	Kyle	South Dakota	х	х	Х	х		х	Х		
South Dakota School of Mines and Technology	Rapid City	South Dakota	X	x		X	Х	X	X		
South Dakota State University University of South Dakota	Brookings	South Dakota		X		X		X	X		+
Austin Peay State University	Vermillion Clarksville	South Dakota Tennessee	v	X	v	X	x	X	X		+
East Tennessee State University	Johnson City	Tennessee	×	×	X	~	X V	×	X		+
Middle Tennessee State University	Murfreesboro	Tennessee	×	^		×	×	×	×		+
Tennessee State University	Nashville	Tennessee	v v	Y	Y	×	^	^ Y	ν		+
Tennessee Technological University	Cookeville	Tennessee	×	x	^	^		×	x		+
The University of Tennessee-Chattanooga	Chattanooga	Tennessee	x	×			х	x	x		
The University of Tennessee-Knoxville	Knoxville	Tennessee									
The University of Tennessee-Martin	Martin	Tennessee	х	x			х	х	х		
University of Memphis	Memphis	Tennessee			х			x	х		1
Angelo State University	San Angelo	Texas	х	х	х	х	х	х	х		1
Brazosport College	Lake Jackson	Texas	х	х	х	х		х	х		
Lamar University	Beaumont	Texas	х	x	Х	х	Х	х	Х		
Midland College	Midland	Texas	х	x	Х	х		х	Х		
Midwestern State University	Wichita Falls	Texas	x	х	х	x	Х	х	Х		
Prairie View A & M University	Prairie View	Texas	х	х	х			х	х		
Sam Houston State University	Huntsville	Texas	х	х	Х	х	Х	х	Х		
South Texas College	McAllen	Texas	х		Х	х		х	Х		
Stephen F Austin State University	Nacogdoches	Texas	х	х	х	х	Х	х	х		
Sul Ross State University Tarleton State University	Alpine	Texas	X	X	Х	Х	X	X	X		
Tarieton State University Texas A & M International University	Stephenville Laredo	Texas Texas	X	X	.,		x x	X	X		
Texas A & M University Health Science Center	Bryan	Texas	X	X	X	X	Х	X	X		+
Texas A & M University Health Science Center Texas A & M University-Central Texas	Killeen	Texas	×	×	×	×	v	×	×		+
Texas A & M University-Cellifian Texas Texas A & M University-College Station	College Station	Texas	^	× ×	^	^	^	^ Y	^ Y		+
Texas A & M University-Commerce	Commerce	Texas	Y	Y	v	Y	Y	Y	Y Y	-	
Texas A & M University-Corpus Christi	Corpus Christi	Texas	x	×	×		x	×	×	-	
Texas A & M University-Galveston	Galveston	Texas	x	х				х	х		†
Texas A & M University-Kingsville	Kingsville	Texas	х	х	х			х	х		†
Texas A & M University-Texarkana	Texarkana	Texas	х	х		х		х	х		
Texas Southern University	Houston	Texas	х	x	х		х	х	х		
Texas State University	San Marcos	Texas	х		х	х	х	х	х		T .
Texas Tech University	Lubbock	Texas						х			
Texas Tech University Health Sciences Center	Lubbock	Texas	х	х	х	х		х	х		
Texas Woman's University	Denton	Texas	х	х	х	х	Х	х	х		
The University of Texas at Arlington	Arlington	Texas			х	х	х	х	x		

Appendix C - Threshold Approa	<u> </u>	X = 110t 111t	atching on C	l L dem		1		1	1		Т
institution name								US Fed			
red: chosen by university as peers of UNL								research			
								less			
blue: Big Ten institutions not chosen by University as peers of				Fall			STEM	medical			
UNL			Carnegie	enrollment			program	science =	PhDs		
			Basic = high	= 20,000 -	% minority		similarity	\$50,000 -	granted =	States not	
The Heisenster of Torres of Associa	City	State	or very high	40,000	< 30%	scores <8.5	score <11	\$210,000	175 - 450	NY or in NE	COUNT
The University of Texas at Austin	Austin	Texas		Х	х			Х	х		
The University of Texas at Brownsville	Brownsville	Texas	х	Х	X	Х	X	X	X		-
The University of Texas at Dallas	Richardson	Texas			х		Х	Х	х		<u> </u>
The University of Texas at El Paso The University of Texas at San Antonio	El Paso	Texas	-		X		X	X	X		•
The University of Texas at San Antonio The University of Texas at Tyler	San Antonio Tyler	Texas Texas	_	V	X	v	x	X	X		-
The University of Texas at Tyler The University of Texas Health Science Center at Houston	Houston	Texas	X V	X	X V	X	X	X	X		-
The University of Texas Health Science Center at Houston The University of Texas Health Science Center at San Antonio	San Antonio	Texas	×	×	×	×	x	~	×		+
The University of Texas MD Anderson Cancer Center	Houston	Texas	× ×	~	×	×	^	^	× -		+
The University of Texas Medical Branch	Galveston	Texas	Ŷ	^ v	^ v	^ v		+	^ Y		1
The University of Texas of the Permian Basin	Odessa	Texas	^ v	^ v	^ v	^	v	v	^ v		
The University of Texas of the Permian Basin The University of Texas-Pan American	Edinburg	Texas	Ŷ	^	^ v		x	^ Y	^ Y		+ ;
University of Houston	Houston	Texas	^		^ v		^	^ v	^		
University of Houston-Clear Lake	Houston	Texas	v	~	^ v		v	×	~		1 6
University of Houston-Downtown	Houston	Texas	^ v	x	^ v	Y	^	Y	^ Y		+
University of Houston-Victoria	Victoria	Texas	ν ν	Y Y	v v	Y	Y	Y	Y		
University of North Texas	Denton	Texas	^	^	×	×	x	×	^		1
University of North Texas Health Science Center	Fort Worth	Texas	Y	Y	v v	Y	^	Y	Y		-
University of Texas Southwestern Medical Center	Dallas	Texas	×	×	×	×		^	×		<u> </u>
West Texas A & M University	Canyon	Texas	x	×		×	x	×	×		1
Dixie State University	Saint George	Utah	x	x		x	^	x	x		<u> </u>
Snow College	Ephraim	Utah	x	x		x		x	x		
Southern Utah University	Cedar City	Utah	x	x		x		x	x		
University of Utah	Salt Lake City	Utah									(
Utah State University	Logan	Utah							х		1
Utah Valley University	Orem	Utah	х			х		x	x		- 4
Weber State University	Ogden	Utah	х			х		x	x		4
Castleton State College	Castleton	Vermont	х	х		х		x	x	x	6
Johnson State College	Johnson	Vermont	х	х		х		х	х	х	6
Lyndon State College	Lyndonville	Vermont	х	х		х		x	x	x	6
University of Vermont	Burlington	Vermont		х			Х		х	х	4
Vermont Technical College	Randolph Center	Vermont	х	Х		x		Х	Х	Х	(
Christopher Newport University	Newport News	Virginia	Х	х			Х	x	x		
College of William and Mary	Williamsburg	Virginia		x		x	х	x	x		
Eastern Virginia Medical School	Norfolk	Virginia	х	Х	Х	х		Х	Х		(
George Mason University	Fairfax	Virginia			x		х				2
James Madison University	Harrisonburg	Virginia	x			Х	Х	х	х		
Longwood University	Farmville	Virginia	х	Х		Х		х	х		
Norfolk State University	Norfolk	Virginia	x	х	Х	х	х	Х	х		1
Old Dominion University	Norfolk	Virginia	ļ		Х		х	Х	х		4
Radford University	Radford	Virginia	х	х				Х	х		<u> </u>
The University of Virginia's College at Wise	Wise	Virginia	х	Х		Х		Х	Х		<u> </u>
University of Mary Washington	Fredericksburg	Virginia	х	Х		Х		Х	Х		<u> </u>
University of Virginia-Main Campus	Charlottesville	Virginia				Х					
Virginia Commonwealth University	Richmond	Virginia			Х	Х	Х		Х		<u> </u>
Virginia Military Institute	Lexington	Virginia	х	Х		Х		Х	Х		1
Virginia Polytechnic Institute and State University	Blacksburg	Virginia									
Virginia State University	Petersburg	Virginia	х	Х	Х		Х	Х	Х		
Bellevue College	Bellevue	Washington	х	Х	Х	Х		Х	Х		1
Central Washington University	Ellensburg	Washington	х	Х			Х	Х	Х		1
Centralia College	Centralia	Washington	Х	Х		Х		Х	Х]	1

institution name								US Fed			
red: chosen by university as peers of UNL								research			
blue: Big Ten institutions not chosen by University as peers of								less			
				Fall			STEM	medical	DI D		
UNL			Carnegie	enrollment	0/!!!		program	science =	PhDs	01-1	
	City	State	Basic = high or very high	= 20,000 - 40,000	% minority < 30%	similarity scores <8.5	similarity	\$50,000 - \$210,000	granted = 175 - 450	States not NY or in NE	COLINIT
Columbia Basin College	Pasco	Washington	v very riigir	40,000	< 30 /6	SCOIES CO.5	30016 (11	\$210,000	173 - 430	INT OF HEINE	COUNT
Eastern Washington University	Cheney	Washington	×	^ v	^	^	v	× ×	×		
Lake Washington Institute of Technology	Kirkland	Washington	v v	v v		Y	^	v v	v v		ì
Northwest Indian College	Bellingham	Washington	Y	v v	Y	Y		Y	Y		-
Olympic College	Bremerton	Washington	x	×	^	×		×	×		,
Peninsula College	Port Angeles	Washington	x	x		x		×	×		ì
Seattle Central College	Seattle	Washington	x	x	x	x		x	x		-
Seattle Community College-North Campus	Seattle	Washington	x	x		x		x	x		
Seattle Community College-South Campus	Seattle	Washington	х	х	х	х		х	х		-
The Evergreen State College	Olympia	Washington	х	x		х		х	х		
University of Washington-Bothell Campus	Bothell	Washington	х	х	х	х	х	х	х		
University of Washington-Seattle Campus	Seattle	Washington		х	х			х	х		4
University of Washington-Tacoma Campus	Tacoma	Washington	х	х	х	х	х	х	х		7
Washington State University	Pullman	Washington									(
Western Washington University	Bellingham	Washington	х	х			Х	х	х		
Bluefield State College	Bluefield	West Virginia	х	х		х		х	х		
Concord University	Athens	West Virginia	х	х		х		х	х		į
Fairmont State University	Fairmont	West Virginia	х	х		x		х	х		Ę
Glenville State College	Glenville	West Virginia	х	х				х	х		4
Marshall University	Huntington	West Virginia	x	х		x	х	х	х		(
Potomac State College of West Virginia University	Keyser	West Virginia	х	х		х		х	х		
Shepherd University	Shepherdstown	West Virginia	х	х		х		х	х		
West Liberty University	West Liberty	West Virginia	x	х		x		х	х		į
West Virginia School of Osteopathic Medicine	Lewisburg	West Virginia	x	х		x		х	х		
West Virginia State University	Institute	West Virginia	x	х		x	Х	х	х		(
West Virginia University	Morgantown	West Virginia							х		
West Virginia University at Parkersburg	Parkersburg	West Virginia	х	х		х		х	х		ţ
West Virginia University Institute of Technology	Montgomery	West Virginia	х	х		х		х	х		
Madison Area Technical College	Madison	Wisconsin	х	х		х		х	х		
University of Wisconsin-Eau Claire	Eau Claire	Wisconsin	х	х			Х	Х	Х		
University of Wisconsin-Green Bay	Green Bay	Wisconsin	х	х		х	Х	Х	х		(
University of Wisconsin-La Crosse	La Crosse	Wisconsin	Х	Х			Х	Х	х		
University of Wisconsin-Madison	Madison	Wisconsin		X				X	X		
University of Wisconsin-Milwaukee University of Wisconsin-Oshkosh	Milwaukee	Wisconsin		L				X	X		
University of Wisconsin-Osnkosn University of Wisconsin-Parkside	Oshkosh	Wisconsin	X	X			X	X	X		;
University of Wisconsin-Parkside University of Wisconsin-Platteville	Kenosha	Wisconsin	X	X		X	Х	X	X	-	<u> </u>
University of Wisconsin-Platteville University of Wisconsin-River Falls	Platteville River Falls	Wisconsin Wisconsin	X	X		X.		X.	X V		-
University of Wisconsin-River Falls University of Wisconsin-Stevens Point	Stevens Point	Wisconsin	× ×	X V				X V	X	-	
University of Wisconsin-Stevens Point University of Wisconsin-Stout	Menomonie	Wisconsin	Ŷ	^ v			^ v	^ v	^	1	
University of Wisconsin-Stout University of Wisconsin-Superior	Superior	Wisconsin	· ·	^		v	^	^ v	^ v		
University of Wisconsin-Superior University of Wisconsin-Whitewater	Whitewater	Wisconsin	v	^ v		^ v		^ v	^ v		
University of Wyoming	Laramie	Wyoming	^	^ v		^		^	^ v		1
Oniversity of vyyoning	Laraniic	vvyorillig	1	^			l	l	^	l	4

Appendix D - Location of UNL's Peers



	INSTITUTION	CITY	STATE		INSTITUTION	CITY	STATE
A	Colorado State University-Fort Collins	Fort Collins	Colorado	F	University of Kentucky	Lexington	Kentucky
В	Iowa State University	Ames	Iowa	G	University of Missouri-Columbia	Columbia	Missouri
C	Louisiana State University and Agricultural & I	NBaton Rouge	Louisiana	Н	University of Oklahoma-Norman Campus	Norman	Oklahoma
	University of Iowa	Iowa City	Iowa	1	University of Tennessee-Knoxville	Knoxville	Tennessee
E	University of Kansas	Lawrence	Kansas	J	Washington State University	Pullman	Washington