# University of Nebraska at Omaha

2015 Peer Group

Approved by the Commission June 25, 2015





# **COMMISSIONERS**

Colleen A. Adam, Chair (Hastings)

Carol Zink, Vice Chair (Lincoln)

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 (Valentine)

Lori Warner (South Sioux City)

W. Scott Wilson (Papillion)

Dr. Michael 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	2
Adding Institutions to Cohort	6
Table 1: Threshold Approach Summary	7
Table 2: University-Selected Peers Removed from Consideration during Threshold Approach	8
Individual Institution Analyses	9
Table 3: Institutions Removed from Consideration during Individual Institution Analy	ses 9
Table 4: Proposed Peers	10
Table 5: Proposed Alternates	10
Table 6: Potential Replacements	11
Table 7: Individual Institution Analyses Summary	12
Institutional Feedback	13
Commission Amendment	13
Suitability Over Time	13
Table 8: Final Peer Group for UNO	14
Appendix A: Classification of Instructional Programs (CIP) Codes Discipline Clusters	15
Appendix B: Program Mix Similarity Score Calculation	17
Appendix C: Threshold Approach Criteria	18
Appendix D: Location of LINO's Peers	32

## **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 Commission will also attempt to develop a peer group for the Nebraska College of Technical Agriculture. 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.<sup>1</sup> Commission peers will not include aspirational institutions.

The following report details the process by which the Coordinating Commission selected its peer institutions for the University of Nebraska at Omaha (UNO).

<sup>&</sup>lt;sup>1</sup> 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 UNO from cohort (705)

#### **Threshold Approach**

Focusing on variables reflecting UNO'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 15 variables:

Open admission policy

**UNO: No** 

CCPE criteria: No

Number of institutions remaining: 532

An institution's degree of selectivity and rigor of admission requirements influence the type of students who enroll, often serving as strong predictors of retention and graduation rates. As schools with open admission policies accept any student who applies, these institutions are more likely to experience diminished achievement rates. UNO does not have an open

admission policy, instead requiring both core high school course completions and performance requirements such as high school class rankings or standardized test scores.

#### Land-grant institution status

UNO: Not a land-grant institution

CCPE criteria: Not a land-grant institution Number of institutions remaining: **466** 

Traditional land-grant institutions consist primarily of a group of large public research universities sharing a unique history, agricultural research and extension mission, and source of federal funding, making them fundamentally distinct from non-land-grant institutions such as UNO.

# Degree of urbanization (Urban-centric locale)

UNO: City: Large

CCPE criteria: City: Large, City: Midsize, Suburb: Large, Suburb: Midsize

Number of institutions remaining: 223

Based on a school's physical address and proximity to urban areas, the urban-centric locale codes found in IPEDS utilize a methodology developed by the U.S. Census Bureau's Population Division in 2005. According to statute, UNO "shall continue to be the primary unit within the University of Nebraska for urban-oriented programs." With this in mind, the Commission attempted to identify institutions with programs focusing on urban issues and serving urban populations by selecting universities situated in similar metropolitan locales.

#### Carnegie Classification 2010 Basic

**UNO:** Doctoral/Research University

CCPE criteria: Doctoral/Research Universities, Research Universities (high research activity), Master's Colleges and Universities (smaller, medium, or larger programs)

Number of institutions remaining: 152

The Carnegie Foundation's classification system helps identify institutions with similar program offerings, sizes, and academic missions. UNO is classified as a Doctoral/Research University, indicating it grants at least 20 research doctoral degrees (excluding professional practice doctorates such as medical degrees) and conducts a small amount of research as part of its mission. Because only 29 institutions earned this classification, the Commission expanded its criteria to encompass additional schools. When the Carnegie Foundation last updated its rankings in 2010, UNO had granted just over 20 doctoral degrees. With UNO only slightly over the Doctoral/Research university threshold, the Commission added Master's Universities, which grant at least 50 master's degrees but fewer than 20 doctoral degrees. The Commission also incorporated Research Universities of high research activity that grant at least 20 doctoral degrees like UNO but conduct a greater amount of research according to metrics developed by the Carnegie Foundation.

ACT/SAT converted 25th percentile score<sup>2</sup>

**UNO: 20** 

CCPE criteria: 18 - 23

Number of institutions remaining: 110

Similar standardized test scores help ensure entering students have similar academic preparation at the secondary level and are of comparable academic potential.

### Institution grants a medical degree

**UNO: No** 

CCPE criteria: No

Number of institutions remaining: 100

Due to equipment, faculty, and administration costs, advanced degrees in medicine are among the most expensive programs for institutions to offer and often result in substantial tuition and fees for students. UNO does not currently offer medical degrees as defined by IPEDS (listed below).

- Medicine (M.D.)
- Dentistry (D.D.S., D.M.D.)
- Osteopathic Medicine (D.O.)
- Veterinary Medicine (D.V.M.)

# Fall enrollment

UNO: 15.227

CCPE criteria: 10,000 – 25,000 Number of institutions remaining: **47** 

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

#### Percentage of fall undergraduate enrollment: full-time

UNO: 77.1%

CCPE criteria: <90%

Number of institutions remaining: 44

Part-time undergraduate students, especially those age 25 and over, tend to take longer to graduate and often have lower graduation rates. UNO, with only 77.1% of its undergraduates attending full-time, has a significant enrollment of non-traditional students.

<sup>&</sup>lt;sup>2</sup> Scores converted using concordance table published on ACT's website: http://www.act.org/solutions/college-career-readiness/compare-act-sat/

#### Percentage of 12-month enrollment: minorities

UNO: 17.5%

CCPE criteria: 10% - 45%

Number of institutions remaining: 34

Because of a 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. A sizable portion of students at UNO is from minority racial or ethnic groups (17.5% during the 2012-2013 academic year), the highest among Nebraska's four-year, public postsecondary institutions.

#### Percentage of undergraduate degrees granted within STEM field (three-year average)

UNO: 13.8%

CCPE criteria: <22%

Number of institutions remaining: 32

## Percentage of graduate degrees granted within STEM field (three-year average)

UNO: 11.0%

CCPE criteria: <30%

Number of institutions remaining: 31

# Percentage of undergraduate degrees granted within health field (three-year average)

UNO: 0.9%

CCPE criteria: <15%

Number of institutions remaining: 27

STEM and health-related degrees are among the most expensive for an institution to offer and produce, due in large part to necessary lab work and equipment expenses. STEM degrees were only a minor portion of total degrees granted at UNO (13.8% undergraduate degrees and 11.0% of graduate degrees on average over the last three years) while health-related degrees represented an even smaller percentage (0.9% of undergraduate degrees and 0.0% of graduate degrees on average over the last three years).

#### Percentage of first-time freshmen receiving Pell Grants

**UNO: 36%** 

CCPE criteria: 25% - 55%

Number of institutions remaining: 26

The percentage of first-time freshmen receiving Pell Grants - awarded primarily to undergraduate students with family incomes of less than \$20,000 – serves as an indicator of the proportion of low-income students enrolled at a particular institution. Such students historically matriculate and graduate at lower rates as well as take more time to complete degrees. Thirty-six percent of first-time freshmen at UNO received Pell Grants during the 2012-2013 academic year.

Weighted undergraduate + graduate program mix similarity score

UNO: 0

CCPE criteria: <7

Number of institutions remaining: 23

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 UNO's percentage of degrees granted and each institution's percentage. The Commission then summed the squares, with the institution possessing the lowest resulting score representing the closest match to UNO'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.

Percentage of total degrees granted: associate's degrees (three-year average)

**UNO: 0%** 

CCPE criteria: <15%

Number of institutions remaining: 21

Stemming from fewer credits, more generalized curricula, and lower education requirements of its instructors, associate's degrees are generally less expensive for institutions to offer than degrees at the bachelor's degree level or above. UNO has not granted any associate's degrees during the last three academic years.

# **Adding Institutions to Cohort**

At the conclusion of the threshold approach, the Commission had narrowed the number of potential peer candidates to 21 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 51 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 Summary

Variable	Criteria	Remaining N
1. Open admission policy	No	532
2. Land-grant institution status	Not a land-grant institution	466
City: Large, City: Mids  3. Degree of urbanization (Urban-centric locale)  Suburb: Large, Suburb: Large, Suburb: Midsize		223
4. Carnegie Classification 2010 Basic	Doctoral/Research Universities, Research Universities (high research activity), Master's Colleges and Universities	152
5. ACT/SAT converted 25th percentile score	18 – 23	110
6. Institution Grants a Medical Degree	No	100
7. Fall enrollment	10,000 – 25,000	47
8. Percentage of fall undergraduate enrollment: full-time	<90%	44
9. Percentage of 12-month enrollment: minorities	10% - 45%	34
10. Percentage of undergraduate degrees granted within STEM field (three-year average)	<22%	32
11. Percentage of graduate degrees granted within STEM field (three-year average)	<30%	31
12. Percentage of undergraduate degrees granted within health field (three-year average)	<15%	27
13. Percentage of first-time freshmen receiving Pell Grants	25% - 55%	26

14. Weighted graduate + undergraduate program mix similarity score	<7	23
15. Percentage of total degrees granted: associate's degrees (three-year average)	<15%	21
16. Reinstated institutions		0
TOTAL		21

Throughout the process, the Commission paid particular attention to the peers chosen for UNO 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:	
Northern Illinois University	Degree of urbanization = Suburb: Small (UNO = City: Large)	
	2. Percentage of undergraduate degrees granted within health field (three-year average) = 15.5% (UNO = 0.9%)	
Portland State University	1. Fall enrollment = 28,260 (UNO = 15,227)	
University of Arkansas at Little Rock	1. Percentage of undergraduate degrees granted within health field (three-year average) = 19.6% (UNO = 0.9%)	
University of Colorado Denver	Institution grants a medical degree = Yes (UNO = No)	
University of North Carolina at Charlotte	1. Fall enrollment = 26,571 (UNO = 15,227)	
University of Northern Iowa	Degree of urbanization = City: Small (UNO = City: Large)	
	2. Percentage of 12-month enrollment: minorities = 8.2% (UNO = 17.5%)	

University of Texas at San Antonio	1. Fall enrollment = 28,623 (UNO = 15,227)
,	2. Percentage of 12-month enrollment: minorities = 61.7% (UNO = 17.5%)

# **Individual Institution Analyses**

Having reduced the number of potential peer candidates to 21 institutions, the Commission replaced the threshold approach with a more individualized assessment, examining and comparing the attributes of each remaining institution with UNO one by one to find the most suitable peers.

The Commission reduced the number of remaining peer candidates from 21 to 18 final institutions (10 peers, two alternates, six replacements) later sent to the University for its review. The three 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:	
Bridgewater State University	<ol> <li>Expends \$0 for research (UNO = \$8,402,633)</li> <li>Education degrees represent high percentage of total graduate degrees conferred (67.9%) (UNO = 31.4%)</li> <li>Smallest fall enrollment of 21 remaining institutions (11,267) (UNO = 15,227)</li> </ol>	
Florida Gulf Coast University	1. Instructional tenure and tenure-track FTE staff represent small portion of total instructional staff (1.4%) (UNO = 59.7%)	
Rowan University	1. In addition to a recent partnership with Cooper Medical School to create a new public medical school, Rowan University now also hosts the School of Osteopathic Medicine acquired from the dissolution of the University of Medicine and Dentistry of New Jersey in July 2013.	

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 UNO:

Table 4: Proposed Peers			
Institution	City	State	
Eastern Michigan University	Ypsilanti	Michigan	
Middle Tennessee State University	Murfreesboro	Tennessee	
Northern Kentucky University	Highland Heights	Kentucky	
University of Central Oklahoma	Edmond	Oklahoma	
University of Colorado Colorado Springs	Colorado Springs	Colorado	
University of Missouri-St Louis*	Saint Louis	Missouri	
University of North Carolina at Greensboro	Greensboro	North Carolina	
University of North Florida	Jacksonville	Florida	
University of Tennessee-Chattanooga	Chattanooga	Tennessee	
Wichita State University*	Wichita	Kansas	
*Designated as a peer of UNO by the University of Nebraska			

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

Institution	Disqualifying characteristics:
Cleveland State University* Cleveland, Ohio	1. Doctoral degrees represent high proportion of degrees granted (6.5%) (UNO = 0.9%)
	2. Graduate degrees represent high proportion of degrees awarded (44.6%) (UNO = 25.7%)
University of Akron Main Campus Akron, Ohio	1. Highest fall enrollment of remaining institutions (24,932) (UNO = 15,227)
ARION, ONIO	2. Associate's degrees represent large portion of degrees granted (10.8%) (UNO = 0.0%)

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 UNO in comparison to the proposed peers and alternates.

Table 6: Potential Replacements	
Institution	Disqualifying characteristics:
Central Connecticut State University New Britain, Connecticut	<ol> <li>Research expenditures represent small percentage of total instruction/research/public service expenditures (2.1%) (UNO = 7.3%)</li> <li>Small fall enrollment (11,865) (UNO = 15,227)</li> </ol>
Kennesaw State University Kennesaw, Georgia	<ol> <li>Large fall enrollment (24,629) (UNO = 15,227)</li> <li>Minorities represent high percentage of fall enrollment (30.5%) (UNO = 17.5%)</li> <li>Research expenditures represent small percentage of total instruction/research/public service expenditures (1.4%) (UNO = 7.3%)</li> <li>Recently merged with Southern Polytechnic State University</li> </ol>
Missouri State University-Springfield Springfield, Missouri	<ol> <li>Minorities represent low percentage of fall enrollment (10.8%) (UNO = 17.5%)</li> <li>Oriented toward business programs, with 36.2% of undergraduate degrees and 37.0% of graduate degrees awarded within field (UNO = 30.3% and 18.9%)</li> </ol>
Old Dominion University Norfolk, Virginia	<ol> <li>Minorities represent high percentage of fall enrollment (36.2%) (UNO = 17.5%)</li> <li>Large fall enrollment (24,828) (UNO = 15,227)</li> <li>Only institution with weighted undergraduate + graduate program mix similarity score above 6 (6.3)</li> </ol>
University of Memphis Memphis, Tennessee	<ol> <li>Minorities represent high percentage of fall enrollment (44.5%) (UNO = 17.5%)</li> <li>Doctoral degrees represent high proportion of degrees granted (6.3%) (UNO = 0.9%)</li> </ol>

# William Paterson University of New Jersey Wayne, New Jersey

- 1. Minorities represent high percentage of fall enrollment (40.6%) (UNO = 17.5%)
- 2. Low percentage of full-time instructional staff (32.8%) (UNO = 49.1%)
- 3. Expends small amount on research (\$293,183) (UNO = \$8,402,633)

\*Designated as a peer of UNO by the University of Nebraska

nstitution	City	State
Proposed Peers		
Eastern Michigan University	Ypsilanti	Michigan
Middle Tennessee State University	Murfreesboro	Tennessee
Northern Kentucky University	Highland Heights	Kentucky
University of Central Oklahoma	Edmond	Oklahoma
University of Colorado Colorado Springs	Colorado Springs	Colorado
University of Missouri-St Louis*	Saint Louis	Missouri
University of North Carolina at Greensboro	Greensboro	North Carolina
University of North Florida	Jacksonville	Florida
University of Tennessee-Chattanooga	Chattanooga	Tennessee
Wichita State University*	Wichita	Kansas
Proposed Alternates		
Cleveland State University*	Cleveland	Ohio
University of Akron Main Campus	Akron	Ohio
Potential Replacements	N 5 % :	
Central Connecticut State University	New Britain	Connecticut
Kennesaw State University	Kennesaw	Georgia
Missouri State University-Springfield	Springfield	Missouri

Old Dominion University	Norfolk	Virginia
University of Memphis	Memphis	Tennessee
William Paterson University of New Jersey	Wayne	New Jersey
*Designated as a peer of UNO by the University of Nebraska		

# **Institutional Feedback**

After selecting its proposed peers, alternates, and potential replacements for UNO, 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.

UNO's administration reported no substantive concerns with the Commission's proposed peers.

# **Commission Amendment**

At the April 30, 2015 Commission meeting, Commissioner John Bernthal made a motion to amend the report by replacing Middle Tennessee University with Cleveland State University on the Commission's list of peers for UNO. Dr. Bernthal cited a number of factors for adding Cleveland State, including the urban nature of Cleveland as well as maintaining geographic diversity given that the Commission's list already contained an institution located in Tennessee. After discussion, the commissioners voted to table a vote on the amendment until the June commission meeting in order to consult UNO regarding the proposal. As UNO ultimately reported no objection to exchanging Middle Tennessee University for Cleveland State University, the Commission approved UNO's revised peer group at the June 25, 2015 meeting.

# **Suitability Over Time**

The Commission has implemented a five-year evaluation process to ensure the peer group for UNO 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.

Table 8: Final Peer Group for UNO		
Institution	City	State
Peers		
Cleveland State University*	Cleveland	Ohio
Eastern Michigan University	Ypsilanti	Michigan
Northern Kentucky University	Highland Heights	Kentucky
University of Central Oklahoma	Edmond	Oklahoma
University of Colorado Colorado Springs	Colorado Springs	Colorado
University of Missouri-St Louis*	Saint Louis	Missouri
University of North Carolina at Greensboro	Greensboro	North Carolina
University of North Florida	Jacksonville	Florida
University of Tennessee-Chattanooga	Chattanooga	Tennessee
Wichita State University*	Wichita	Kansas
Alternates		
Middle Tennessee State University	Murfreesboro	Tennessee
University of Akron Main Campus	Akron	Ohio
*Designated as a peer of UNO 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
UNO	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	% graduate degrees conferred by program: Trades	Program Mix Similarity Score
UNO	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

institution name red: designated as peer of UNO by University of Nebraska  Alabama A & M University Alabama State University Athens State University Auburn University Auburn University at Montgomery Jacksonville State University The University of Alabama	City Normal Montgomery Athens	State Alabama	Open Admission =		Urbanization: City: Large, City: Midsize,	Carnegie Classification 2010: Basic =	ACT SAT			Fall						weighted		
Alabama State University Athens State University Auburn University Auburn University at Montgomery Jacksonville State University	Normal Montgomery		Adminaian -		Suburb: Large,	Master's, Doctoral/Rese arch,	Composite Conversion 25th		Enrollme	Enrollmen t Full-time Under-		STEM <22% of	Health <15% of undergrad	STEM <30% of		undergrad uate + graduate	Associate' s degree granted	
Alabama State University Athens State University Auburn University Auburn University at Montgomery Jacksonville State University	Normal Montgomery		NO	Non Land- Grant	Suburb: Midsize	Research (high activity)	Percentile = 18 - 23	med degree	nt: 10,000- 25,000	graduates: <90%	Minority %: 10% - 45%	Undergradu ate degrees	uate degrees	graduate degrees	Pell 29 -	similarity score <7	<15% of total	COUNT
Alabama State University Athens State University Auburn University Auburn University Auburn University at Montgomery Jacksonville State University	Montgomery		INO	v	WIIUSIZE	(Iligii activity)	v v	uegree	y	v	v	v	uegrees	uegrees	y .	v	totai	COUNT
Athens State University Auburn University Auburn University at Montgomery Jacksonville State University		Alabama					x		x	x	x				x	x		1
Auburn University Auburn University at Montgomery Jacksonville State University		Alabama	х		x	x	x		x					х	x	x		
Auburn University at Montgomery  Jacksonville State University	Auburn University	Alabama		х	x		х	х		х		х		х	х	1		
Jacksonville State University	Montgomery	Alabama							х							1		
	Jacksonville	Alabama			х				x				х			x		
THE CHIVETORY OF AIGUAINA	Tuscaloosa	Alabama			x				х	х					x			1
Troy University	Troy	Alabama			x						х							1
University of Alabama at Birmingham	Birmingham	Alabama				x		х					х			x		
University of Alabama in Huntsville	Huntsville	Alabama				x			x			х	х	x		x		
University of Montevallo	Montevallo	Alabama							x							х		1
University of North Alabama	Florence	Alabama			х				x				х			x		
University of South Alabama	Mobile	Alabama						х					х			x		
University of West Alabama	Livingston	Alabama			х				х		х		х		x	x		
University of Alaska Anchorage	Anchorage	Alaska	х				х						х				x	1
University of Alaska Fairbanks	Fairbanks	Alaska	х	х	x		х		x					x		х	x	1
University of Alaska Southeast	Juneau	Alaska	x		x		х		х							х	x	1
Arizona State University-Downtown Phoenix	Phoenix	Arizona				x							х			х		1
Arizona State University-Polytechnic	Mesa	Arizona				x			х			х		х		x		
Arizona State University-Skysong	Scottsdale	Arizona				x	х						х			x		
Arizona State University-Tempe	Tempe	Arizona				x			х	х						ĺ		
Arizona State University-West	Glendale	Arizona				x			х							x		
Dine College	Tsaile	Arizona	x	x	×	x	x		x		x		x	x	x	x	x	
Northern Arizona University	Flagstaff	Arizona			x				x							Ĩ		
University of Arizona	Tucson	Arizona		х		x		х	х			х				1		
Arkansas State University-Main Campus	Jonesboro	Arkansas			х								х			x		
Arkansas Tech University	Russellville	Arkansas			×								x		x	x		
Henderson State University	Arkadelphia	Arkansas			×				x						x	x		
Southern Arkansas University Main Campus	Magnolia	Arkansas			×				x						x	Ĩ	x	
University of Arkansas	Fayetteville	Arkansas		¥	×	Y			×			¥		Y	×	·		1
University of Arkansas at Little Rock	Little Rock	Arkansas		,					^			Α	¥	^	Α			
University of Arkansas at Monticello	Monticello	Arkansas	Y		x		Y		×				x		×	x	x	1
University of Arkansas at Pine Bluff	Pine Bluff	Arkansas		¥	×	Y	Y Y		×	¥	¥	×	^		×	x		<b>†</b>
University of Arkansas for Medical Sciences	Little Rock	Arkansas	v	^	Î.	·	v .	v	v	^	^	^	v		^ v	v		<del>                                     </del>
University of Arkansas-Fort Smith	Fort Smith	Arkansas	^		×	×	^	^	×				^	Y	×	x	×	<del>                                     </del>
University of Central Arkansas	Conway	Arkansas			×				^							x	×	†
California Maritime Academy	Vallejo	California				Y			x	¥		×		Y	<del>                                     </del>	x		<b>†</b>
California Polytechnic State University-San Luis Obispo	San Luis Obispo	California			v	^	v		^	v		v .		·	v	v		<del>                                     </del>
California State Polytechnic University-Pomona	Pomona	California			Î		^			^	v	v		v	^	v		1
California State University-Bakersfield	Bakersfield	California					Y		x		x x	^			×	Î		1
California State University-Channel Islands	Camarillo	California					v .		v		^ v			v	^	v		<del>                                     </del>
California State University Chico	Chico	California			v		^		^	v	^					<u>^</u>		<del>                                     </del>
California State University-Dominguez Hills	Carson	California			v		v			^	v				v	v		1
California State University-East Bay	Hayward	California			1.	t e	ν.				Y Y				-	<del>~~</del>		<b>†</b>
California State University-East Day  California State University-Fresno	Fresno	California		1		<b>†</b>	Y Y				Y Y				×			$\vdash$
California State University-Fresho California State University-Fullerton	Fullerton	California	1				^	1	v		^ v				^	$\overline{}$		1
California State University-Long Beach	Long Beach	California							v		^ v				$\vdash$	$\overline{}$		1
California State University-Long Beach California State University-Los Angeles	Long Beach Los Angeles	California	1	<del>                                     </del>	1	<del>                                     </del>	V	1	^	1	^ ~		1	<del>                                     </del>	Ļ		<del>                                     </del>	1
California State University-Los Angeles  California State University-Monterey Bay	Seaside Seaside	California	1	<del>                                     </del>	1	<del>                                     </del>	^	1	v	v	^ v		1	<del>                                     </del>	<u> </u>	v	<del>                                     </del>	1
California State University-Northridge	Northridge	California					v		v	^	^ v				,			$\vdash$
California State University-Northinge  California State University-Sacramento	Sacramento	California	+	+	1	1	^	<del>                                     </del>	^		^			<b>└</b>	^			-

						Carnegie												
institution name red: designated as peer of UNO by					Urbanization: City: Large, City: Midsize,	Classification 2010: Basic = Master's,	ACT_SAT Composite			Fall Enrollmen			Health			weighted undergrad	Associate'	
University of Nebraska			Open Admission =	Non Land-	Suburb: Large, Suburb:	Doctoral/Rese arch, Research	Conversion 25th Percentile =	grant	Enrollme	t Full-time Under- graduates:	Minority %:	STEM <22% of Undergradu	undergrad	STEM <30% of graduate	% of FTF receiving Pell 29 -	uate + graduate similarity	s degree granted <15% of	
	City	State	NO	Grant	Midsize	(high activity)	18 - 23	degree	25,000	<90%	10% - 45%	ate degrees	degrees	degrees	54	score <7	total	COUNT
California State University-San Bernardino	San Bernardino	California					х				х				х			
California State University-San Marcos	San Marcos	California									Х					х		
California State University-Stanislaus	Turlock	California			x		х		х		х				х			
Humboldt State University	Arcata	California			х				х	х		х		Х		х		
Naval Postgraduate School	Monterey	California	х				х		х	х		х		х	х	х		
San Diego State University	San Diego	California							х		Х							
San Diego State University-Imperial Valley Campus	Calexico	California				х	х		х		х				х	x		
San Francisco State University	San Francisco	California							х		х							
San Jose State University	San Jose	California							х		х			х				
Sonoma State University	Rohnert Park	California							х	х								
University of California-Berkeley	Berkeley	California	ļ	х		х	х		х	х	х	х	ļ	х		х		ــــــ
University of California-Davis	Davis	California		х	x	x		х	х	х	х	х		х		x		1
University of California-Hastings College of Law	San Francisco	California	x			x	х		х	х		х	х		х	х		
University of California-Irvine	Irvine	California				x		х	х	х	х	х		х		x		
University of California-Los Angeles	Los Angeles	California				x	х	x	х	х	х	х				x		
University of California-Merced	Merced	California			x	x			х	х	х	х		х	х	x		
University of California-Riverside	Riverside	California		х		x				х	х	х		х	х	x		
University of California-San Diego	La Jolla	California				x	х	x	х	х	х	х		х		x		
University of California-San Francisco	San Francisco	California	x			x	x	x	x	х	х	x	х		x	x		1
University of California-Santa Barbara	Santa Barbara	California				x	х			х	х			х		х		
University of California-Santa Cruz	Santa Cruz	California			x	x				х	x	х		х		x		
Adams State University	Alamosa	Colorado			x		х		х							х		
Colorado Mesa University	Grand Junction	Colorado			x	x			х				х			х	х	
Colorado Mountain College	Glenwood Springs	Colorado	х		x	х	х		х				х	х		х	х	
Colorado School of Mines	Golden	Colorado					х		х	х		х		х	х	х		
Colorado State University-Fort Collins	Fort Collins	Colorado		х		х		х	х			х		х	х	х		
Colorado State University-Global Campus	Greenwood Village	Colorado	x			x	х		х						x	x		
Colorado State University-Pueblo	Pueblo	Colorado							х							x		
Fort Lewis College	Durango	Colorado			x	x			х	х				х		х		
Metropolitan State University of Denver	Denver	Colorado				x												
United States Air Force Academy	USAFA	Colorado			×	×	x		х	x		x		х	x	x		
University of Colorado Boulder	Boulder	Colorado			x	x	х		х	х		х		х	х	х		
University of Colorado Colorado Springs	Colorado Springs	Colorado																
University of Colorado Denver	Denver	Colorado						x										
University of Northern Colorado	Greeley	Colorado			x													
Western State Colorado University	Gunnison	Colorado			×	×			х		x					x		
Central Connecticut State University	New Britain	Connecticut			^	^			^									1
Charter Oak State College	New Britain	Connecticut	x			Y	¥		Y					x	x	x		1
Eastern Connecticut State University	Willimantic	Connecticut	^		Y	^	^		Y Y					^	^	×		1
Southern Connecticut State University	New Haven	Connecticut			^		¥		^									1
United States Coast Guard Academy	New London	Connecticut			~	·	v .		v	v		v		v	v	v		
University of Connecticut	Storrs	Connecticut		v	^	v	v	v	^ v	^ v		v		^	v	^		
University of Connecticut-Avery Point	Groton	Connecticut		^		v	^	v	^ v	^		v .	v	v	^	v		
University of Connecticut-Stamford	Stamford	Connecticut				Υ		x	ν			ν.	x	y		×		<b>†</b>
University of Connecticut-Stamford University of Connecticut-Tri-Campus	Waterbury	Connecticut	1	1		^ v	<del>                                     </del>	, ,	^ v			^ v	· ·	^ v	1	·	1	<del>                                     </del>
Western Connecticut State University	Danbury	Connecticut	1	1	V	^	V	^	^ v			^	^	^	1	^	1	<del>                                     </del>
Delaware State University		Delaware	<b> </b>	L	^ v		^ v	1	^ v		v		<del>                                     </del>		L.			$\vdash$
•	Dover		<del>                                     </del>		Α	.,	Α	1	A		Α		1					$\vdash$
University of Delaware	Newark	Delaware	L.	x	1	Х		1		X		-	l.,	х	X	1	L	+
University of the District of Columbia University of the District of Columbia-David A Clarke School of Law	Washington	District of Columbia  District of Columbia	X	X			X	1	X		X		X		X		x	<del></del>
TUDINELS IN OF THE DISTRICT OF COLUMNIA-DAVIG A CLARKE SCHOOL OF LAW	i vvasnington	IDISTRICT OF COLUMBIA	IX	1	1	1X	1X		I X	X	×	1 ×	1X	i	IX	IX	1	1

institution name red: designated as peer of UNO by					Urbanization: City: Large, City: Midsize, Suburb:	Carnegie Classification 2010: Basic = Master's, Doctoral/Rese	ACT_SAT Composite Conversion	D		Fall Enrollmen t Full-time		STEM <22%	Health	STEM	% of FTF	weighted undergrad uate +	Associate'	
University of Nebraska	City	State	Open Admission = NO	Non Land- Grant	Large,	arch, Research (high activity)	25th Percentile =		Enrollme nt: 10,000-	Under- graduates:	Minority %: 10% - 45%	of Undergradu ate degrees	undergrad uate	<30% of	receiving	graduate similarity score <7	granted <15% of total	COUNT
Chipola College	Marianna	Florida	x		x	x	х		x				х	х	х	х	х	10
College of Central Florida	Ocala	Florida	x		x	х	х		х				х	х	х	х	х	10
Daytona State College	Daytona Beach	Florida	x		x	x	х						х	х	х	х	х	1
Eastern Florida State College	Cocoa	Florida	x			×	x							х		x	х	1
Edison State College	Fort Myers	Florida	x			x	x						x	x	x	x	x	
Florida Agricultural and Mechanical University	Tallahassee	Florida		¥		^	^			¥	Y		×	^	×	×		†
Florida Atlantic University	Boca Raton	Florida		^	×				x	^	Y Y		^		<u> </u>	^		†
Florida Gateway College	Lake City	Florida	~		×	~	v		^ v		^		v	v	~	~	v	10
Florida Gulf Coast University	Fort Myers	Florida	^		^	^	^		^				^	^	^	^	^	<del>  "</del>
Florida International University	Miami	Florida	+					v			v							+
Florida International University Florida Polytechnic University	Lakeland	Florida				v	L .	^ v	^ v	L					,		t	14
, ,			X	-	X	X	X	x	X	X	X	х	X	X	X	X	X	<del>+ 1</del>
Florida State College at Jacksonville	Jacksonville	Florida	х			Х	Х		Х					Х		Х	х	<del>                                     </del>
Florida State University	Tallahassee	Florida	+			Х	х	х	Х	<del>                                     </del>			1		-		1	+
Gulf Coast State College	Panama City	Florida	х		x	х	х		х				Х	х		Х	х	<u> </u>
Indian River State College	Fort Pierce	Florida	х			х	х			ļ			х	х	х	х	х	1
Lake-Sumter State College	Leesburg	Florida	х			х	х		х					х		х	х	<u> </u>
Miami Dade College	Miami	Florida	х			х	х		х		х			х	х	х	х	
New College of Florida	Sarasota	Florida			х	x	x		х	х				х		х		
Northwest Florida State College	Niceville	Florida	x		x	x	х		х					х		х	х	
Palm Beach State College	Lake Worth	Florida	x			x	x		x		х			х	x	х	х	
Pensacola State College	Pensacola	Florida	x		x	x	х						х	х	х	х	х	
Polk State College	Winter Haven	Florida	x		x	x	х						х	х	х	х	х	
Saint Johns River State College	Palatka	Florida	х		х	х	х		х				х	х		х	х	
Santa Fe College	Gainesville	Florida	x			x	х						х	х		х	х	
Seminole State College of Florida	Sanford	Florida	x		x	×	x				x		x	х	x	x	х	10
South Florida State College	Avon Park	Florida	y .		y .	Y	Y		×				×	Y Y	×	×	Y Y	10
St Petersburg College	Clearwater	Florida	v		v .	×	v		v				v	v	v	v .	v	10
State College of Florida-Manatee-Sarasota	Bradenton	Florida	· ·		^	~	×		^				^	×	·	^ v	v .	† '
The University of West Florida	Pensacola	Florida	^			^	^							^	^	^	^	<del>                                     </del>
University of Central Florida		Florida	+		^													+
	Orlando		+			х	Х	Х	Х									+
University of Florida	Gainesville	Florida	+	Х		X	Х	Х	Х	Х		Х		Х		Х		<del>                                     </del>
University of North Florida	Jacksonville _	Florida	_															+
University of South Florida-Main Campus	Tampa	Florida	+			х		х	Х									<del>                                     </del>
University of South Florida-Sarasota-Manatee	Sarasota	Florida	1						х						х	Х		<del>                                     </del>
University of South Florida-St Petersburg	St. Petersburg	Florida	-						Х							х	1	
Valencia College	Orlando	Florida	х			x	х		х		х			Х	х	х	х	<u> </u>
Abraham Baldwin Agricultural College	Tifton	Georgia			x	х	х		х				х	х		х	х	
Albany State University	Albany	Georgia			х		х		х		х				х			4
Armstrong Atlantic State University	Savannah	Georgia							х				х			х		
Atlanta Metropolitan State College	Atlanta	Georgia	х			x	x		х		х			х	х	х	х	
Augusta State University	Augusta	Georgia	x				х	x	х	х	х				х			
Clayton State University	Morrow	Georgia				x			х		х		х		х	x		
College of Coastal Georgia	Brunswick	Georgia			х	x	x		x				х	x		x	х	
Columbus State University	Columbus	Georgia							х				х					
Dalton State College	Dalton	Georgia	x		х	х	х		х				х	х	х	х	х	10
East Georgia State College	Swainsboro	Georgia	x		x	x	x		x		x		1	x	x	x	x	10
Fort Valley State University	Fort Valley	Georgia	T .	Y	Y	Y	Y		x		Y	Y			×	×	Ė	† '
Gainesville State College	Oakwood		T,	^	^	, v	· ·	,	, ,	v	^ v	^	1	_	, v	,	L .	1
Georgia College and State University	Milledgeville	Georgia Georgia	<u> </u>		,	^	^	^	^ ~	·	^		~	^	·	^	^	+
Georgia College and State Onliversity	wineageville	Georgia	+		Α				λ	^			^		X		1	+
Georgia Gwinnett College	Lawrenceville	Georgia									1							

Appendix C - Threshold Appr				•														
institution name red: designated as peer of UNO by University of Nebraska			Open Admission =		Urbanization: City: Large, City: Midsize, Suburb: Large, Suburb:	Carnegie Classification 2010: Basic = Master's, Doctoral/Rese arch, Research	25th Percentile =	grant med	Enrollme nt: 10,000-	Fall Enrollmen t Full-time Under- graduates:		STEM <22% of Undergradu	Health <15% of undergrad uate	STEM <30% of graduate	% of FTF receiving Pell 29 -	uate + graduate similarity	Associate' s degree granted <15% of	
	City	State	NO	Grant	Midsize	(high activity)	18 - 23	degree	25,000	<90%	10% - 45%	ate degrees	degrees	degrees	54	score <7	total	COUNT
Georgia Institute of Technology-Main Campus	Atlanta	Georgia				x	х	ļ		х		х		х	х	х		
Georgia Southern University	Statesboro	Georgia			х										ļ			
Georgia Southwestern State University	Americus	Georgia			x			ļ	х							х		
Georgia State University	Atlanta	Georgia				х			х		х				х			
Gordon State College	Barnesville	Georgia			x	х	х		х				х	x	х	x	х	
Kennesaw State University	Kennesaw	Georgia																
Macon State College	Macon	Georgia	x		x	x	х	х	х	х	х		х	х	x	х	х	1
Middle Georgia College	Cochran	Georgia	x		x	x	x	x	х	х	х		х	x	x	x	х	1
Middle Georgia State College	Macon	Georgia			x	x	х		х				х	х	х	х	х	
Savannah State University	Savannah	Georgia				х	х		х		х	х			x	x		
South Georgia College	Douglas	Georgia	х		x	x	х	х	x	x	x		x	x	x	x	x	1
South Georgia State College	Douglas	Georgia	х		х	х	х		х				x	x	х	x	х	1
Southern Polytechnic State University	Marietta	Georgia			х				х			х		x		x		
University of Georgia	Athens	Georgia		х		х	х	х	х	х					x			
University of North Georgia	Dahlonega	Georgia	x		x		х	х	х	х	х		х		х	х		1
University of North Georgia	Dahlonega	Georgia			x	×										x	x	
University of West Georgia	Carrollton	Georgia			x											x		
Valdosta State University	Valdosta	Georgia	1		v													1
Wadsworth Center-NY State Dept of Health	Augusta	Georgia			^	~		v	v				v			v		
University of Hawaii at Hilo	Hilo	Hawaii	+			·	v	^			v		^			·		
University of Hawaii at Manoa	Honolulu	Hawaii	+	v		×	X	L .			X					×		
University of Hawaii Maui College	Kahului	Hawaii	<u> </u>					*										1
University of Hawaii-West Oahu		Hawaii	X		X	X	х	1	X		X		Х	X	X	X	Х	
Boise State University	Kapolei Boise	Idaho	+			X	X	1	х		Х			Х		Х		
			1					1					X					
Idaho State University	Pocatello	Idaho	X		X		Х	1					Х			Х	Х	
Lewis-Clark State College	Lewiston	Idaho			x	х	Х	<u> </u>	Х				Х	Х		Х	Х	<b>├</b> ──
University of Idaho	Moscow	Idaho		Х	x			х				Х		х		х		<b>├</b> ──
Chicago State University	Chicago	Illinois	-				х		х		Х				х			
Eastern Illinois University	Charleston	Illinois			x			ļ	х									
Governors State University	University Park	Illinois	х		х		х		х		х				х			
Illinois State University	Normal	Illinois						ļ		х								
Northeastern Illinois University	Chicago	Illinois					х				х				х			
Northern Illinois University	Dekalb	Illinois			x								x					
Southern Illinois University-Carbondale	Carbondale	Illinois			x			х				х						
Southern Illinois University-Edwardsville	Edwardsville	Illinois						х										
University of Illinois at Chicago	Chicago	Illinois				x		x	х	х	х	х				x		
University of Illinois at Springfield	Springfield	Illinois							х									
University of Illinois at Urbana-Champaign	Champaign	Illinois		х	x	x	х	х	х	х		х		x	x	x		1
Western Illinois University	Macomb	Illinois			x													
Ball State University	Muncie	Indiana			x					х								
Indiana State University	Terre Haute	Indiana			x		х											
Indiana University-Bloomington	Bloomington	Indiana			x	х			х						х			
Indiana University-East	Richmond	Indiana			х	х	х		х		х		х		х			
Indiana University-Kokomo	Kokomo	Indiana			х	х	х		x				х			x		
Indiana University-Northwest	Gary	Indiana			x		х		х				х	1		х	х	1
Indiana University-Purdue University-Fort Wayne	Fort Wayne	Indiana	1				ļ .	1	İ					1		ľ	x	<b>†</b>
Indiana University-Purdue University-Indianapolis	Indianapolis	Indiana	1					v	v				x			x		<b>†</b>
Indiana University-Purdue University-Indianapolis	South Bend	Indiana						r e	· v				v	1		^		$\vdash$
Indiana University-South Bend Indiana University-Southeast	New Albany	Indiana	1				,	1	^ v				^	<b>-</b>	<b>†</b>	v		$\vdash$
Purdue University-Calumet Campus	Hammond	Indiana	1					1	^ ~			L.	,	,	<b>†</b>	·		$\vdash$
r urdue oniversity-datumet dampus	панниопо	indiana		1	Ì	1	A.	1	X.	1	1	A.	X.	X.	1	A	L	

						Carnegie												
institution name red: designated as peer of UNO by University of Nebraska			Open Admission =			Classification 2010: Basic = Master's, Doctoral/Rese arch, Research	25th Percentile =	grant med	Fall Enrollme nt: 10,000-	Fall Enrollmen t Full-time Under- graduates:		STEM <22% of Undergradu	undergrad uate	STEM <30% of graduate	% of FTF receiving Pell 29 -	uate + graduate similarity	s degree granted <15% of	
	City	State	NO	Grant	Midsize	(high activity)	18 - 23	degree	25,000	<90%	10% - 45%	ate degrees	degrees	degrees	54	score <7	total	COUNT
Purdue University-North Central Campus	Westville	Indiana	-		х	х		1	Х							Х	Х	<u> </u>
University of Southern Indiana	Evansville	Indiana	-					-	Х		X		Х			Х		<del></del>
Vincennes University	Vincennes	Indiana	Х		x	x	Х						Х	х	х	Х	Х	<del></del>
Iowa State University	Ames	lowa	-	Х	х	х		Х	Х	Х		Х		Х	Х	Х		1
University of Iowa	Iowa City	lowa			х	х	Х	Х	Х						Х			
University of Northern Iowa	Cedar Falls	lowa			Х						X							
Emporia State University	Emporia	Kansas	-		х			-	Х									
Fort Hays State University	Hays	Kansas			х			<u> </u>										<del></del>
Haskell Indian Nations University	Lawrence	Kansas		Х	х	х	Х	<u> </u>	Х	Х	Х			Х		Х	Х	1
Kansas State University	Manhattan	Kansas		Х	х		Х	Х				Х		Х	Х	Х		
Pittsburg State University	Pittsburg .	Kansas	-	-	Х			-	Х	Х			-	-				₩
University of Kansas	Lawrence	Kansas	1	-	Х	Х	-	Х	Х			1	1	1	Х			<del></del>
Washburn University	Topeka	Kansas	Х				Х		х				Х			Х		
Wichita State University	Wichita	Kansas																
Eastern Kentucky University	Richmond	Kentucky	-		х								Х			Х		
Kentucky State University	Frankfort	Kentucky		х	х	х	х		х		Х		х		х		х	<u> </u>
Morehead State University	Morehead	Kentucky	-		х						Х		Х			Х		<u> </u>
Murray State University	Murray	Kentucky			х			ļ										<b>↓</b>
Northern Kentucky University	Highland Heights	Kentucky						ļ										<u> </u>
University of Kentucky	Lexington	Kentucky		х		х		х	х	Х		Х						<u> </u>
University of Louisville	Louisville	Kentucky				х		х										<u> </u>
Western Kentucky University	Bowling Green	Kentucky			x			ļ										<u> </u>
Grambling State University	Grambling	Louisiana			х		х		х	х	х				х	х		
Louisiana State University and Agricultural & Mechanical College	Baton Rouge	Louisiana		х	x	x		х	х	х		Х			х			<u> </u>
Louisiana State University Health Sciences Center-New Orleans	New Orleans	Louisiana	х			х	х	х	х				х		х	х		<u> </u>
Louisiana State University Health Sciences Center-Shreveport	Shreveport	Louisiana	х			х	х	х	х	х			х		х	х		
Louisiana State University-Alexandria	Alexandria	Louisiana			х	х			х				х	х	х	х	х	<u> </u>
Louisiana State University-Shreveport	Shreveport	Louisiana							х									ļ
Louisiana Tech University	Ruston	Louisiana			х							х		x				
McNeese State University	Lake Charles	Louisiana			x				х				х					<u> </u>
Nicholls State University	Thibodaux	Louisiana			x				х				х					<u> </u>
Northwestern State University of Louisiana	Natchitoches	Louisiana			х				х				х			х	х	<u> </u>
Southeastern Louisiana University	Hammond	Louisiana			x													<u> </u>
Southern University and A & M College	Baton Rouge	Louisiana		х			х		х		х		х		х	х		
Southern University at New Orleans	New Orleans	Louisiana					х		х		х				х	х		<u> </u>
Southern University Law Center	Baton Rouge	Louisiana	х			x	x		х	х	х	х	х		х	х		1
University of Louisiana at Lafayette	Lafayette	Louisiana												x				<u> </u>
University of Louisiana at Monroe	Monroe	Louisiana			x				х				х			х		<u> </u>
University of New Orleans	New Orleans	Louisiana							х									
Maine Maritime Academy	Castine	Maine			x	x			х	х	х	х			х	х		
University of Maine	Orono	Maine		x	x						х	х				х		
University of Maine at Augusta	Augusta	Maine	х		x	x	х		х		х		х	х	х	х	х	1
University of Maine at Farmington	Farmington	Maine			х	х	х		x	х	х					x		
University of Maine at Fort Kent	Fort Kent	Maine			x	x	x		x		х		х	x		х		
University of Maine at Machias	Machias	Maine			х	х	x		х		х			x	х	х		
University of Maine at Presque Isle	Presque Isle	Maine	x		x	x	x		x		x			x	x	x		
University of Southern Maine	Portland	Maine			х				х		x		х					
Bowie State University	Bowie	Maryland					х		x		х					x		
Coppin State University	Baltimore	Maryland					х		х		х		х		x	х		
Frostburg State University	Frostburg	Maryland			х				x									
Morgan State University	Baltimore	Maryland					L.		L				ı		L			

Appendix C - Threshold Appro																		
institution name red: designated as peer of UNO by University of Nebraska			Open Admission =	Non Land-	Urbanization: City: Large, City: Midsize, Suburb: Large, Suburb:	Carnegie Classification 2010: Basic = Master's, Doctoral/Rese arch, Research	ACT_SAT Composite Conversion 25th Percentile =	Does not grant med	t Fall Enrollme nt: 10,000	Fall Enrollmen t Full-time Under- graduates:	Minority %:	STEM <22% of Undergradu	Health <15% of undergrad uate	STEM <30% of graduate	% of FTF receiving Pell 29 -	weighted undergrad uate + graduate similarity	Associate' s degree granted <15% of	
	City	State	NO	Grant	Midsize	(high activity)	18 - 23	degree	25,000	<90%	10% - 45%	ate degrees	degrees	degrees	54	score <7	total	COUNT
Salisbury University	Salisbury	Maryland			x				х	x					х			
St Mary's College of Maryland	St. Mary's City	Maryland			x	x	х		х	х		х			х	х		
Towson University	Towson	Maryland			x										х			
United States Naval Academy	Annapolis	Maryland				x	х		х	х		х		x	х	х		
University of Baltimore	Baltimore	Maryland					х		х		x				х	х		
University of Maryland Eastern Shore	Princess Anne	Maryland		х	х		х		х		х				х	х		1
University of Maryland-Baltimore	Baltimore	Maryland	х			x	х	х	х				х		х	х		
University of Maryland-Baltimore County	Baltimore	Maryland					х					х		х	х	х		
University of Maryland-College Park	College Park	Maryland		х		x	х	х	x	х		х		x	х	x		
University of Maryland-University College	Adelphi	Maryland	х				х		х		х	х			х	х		
Bridgewater State University	Bridgewater	Massachusetts																
Fitchburg State University	Fitchburg	Massachusetts							x							×		1
Framingham State University	Framingham	Massachusetts	1		·				v .							v		1
Massachusetts College of Art and Design	Boston	Massachusetts			Î .	×			×							x		1
Massachusetts College of Liberal Arts	North Adams	Massachusetts			v	v			v .							v		<del></del>
Massachusetts Maritime Academy	Buzzards Bay	Massachusetts			^	v			v .	v	v	v		v	v	, ,		+
Salem State University	Salem	Massachusetts				^			×	X	X			×		×		+
University of Massachusetts Medical School Worcester	Worcester	Massachusetts						_	×			v			v			
University of Massachusetts-Amherst			×					X					X			X		+
	Amherst	Massachusetts		Х	1	X	Х		Х	Х		Х			Х			+-
University of Massachusetts-Boston	Boston	Massachusetts			1	1							Х			Х		+-
University of Massachusetts-Dartmouth	North Dartmouth	Massachusetts	1		-	1			х									+
University of Massachusetts-Lowell	Lowell	Massachusetts	-			1						Х		Х		Х		+
Westfield State University	Westfield	Massachusetts			1			1	х									+
Worcester State University	Worcester	Massachusetts			1			1	х							Х		+
Central Michigan University	Mount Pleasant	Michigan	1		х				х									-
Eastern Michigan University	Ypsilanti	Michigan																
Ferris State University	Big Rapids	Michigan	1		х								х			х	х	-
Grand Valley State University	Allendale	Michigan											х					
Lake Superior State University	Sault Ste Marie	Michigan			х	x			х				х			х	х	
Michigan State University	East Lansing	Michigan		х	х	x		х	х	х		х			х			<u> </u>
Michigan Technological University	Houghton	Michigan			х		х		х	х	х	х		х		х		ـــــــ
Northern Michigan University	Marquette	Michigan			x				х		x		х					
Northwestern Michigan College	Traverse City	Michigan	x		x	x	х		х		х			х		х	х	
Oakland University	Rochester Hills	Michigan						х					х			х		
Saginaw Valley State University	University Center	Michigan			х											х		
University of Michigan-Ann Arbor	Ann Arbor	Michigan				x	х	х	x	х		х		x	х	х		
University of Michigan-Dearborn	Dearborn	Michigan			х				х			х		х				
University of Michigan-Flint	Flint	Michigan							x				х			х		
Wayne State University	Detroit	Michigan				x		х	x									
Western Michigan University	Kalamazoo	Michigan			x													1
Bemidji State University	Bemidji	Minnesota			x				х		х					х		1
Metropolitan State University	Saint Paul	Minnesota					х		х						х	х		
Minnesota State University-Mankato	Mankato	Minnesota			x													1
Minnesota State University-Moorhead	Moorhead	Minnesota	1	1		1		1	x	1	x		1	1	1	1	1	1
Saint Cloud State University	Saint Cloud	Minnesota		1	v			<b>†</b>	î		r e		1	1		1		+-
Southwest Minnesota State University	Marshall	Minnesota	1	1	^ v			1	v		,			1		,		+-
University of Minnesota State University  University of Minnesota-Crookston	Crookston	Minnesota	+	<del>                                     </del>		L	1	<del>                                     </del>			^		1			<u>^</u>		+
			1	1	X	X		l	х			X	1	X	-	Х		+
University of Minnesota-Duluth	Duluth	Minnesota	-	-	X			х	1.		Х	X		X		l .		+
University of Minnesota-Morris	Morris	Minnesota	-	-	Х	X		-	х	х		Х		х		Х		+
University of Minnesota-Rochester University of Minnesota-Twin Cities	Rochester	Minnesota	1	1	1	Х			Х	X			Х	Х		Х		<b>↓</b>

						criteria Carnegie												
institution name red: designated as peer of UNO by					Urbanization: City: Large, City: Midsize, Suburb:	Classification 2010: Basic = Master's, Doctoral/Rese	ACT_SAT Composite Conversion	Does not	Fall	Fall Enrollmen t Full-time		STEM <22%	Health	STEM	% of FTF	weighted undergrad uate +	Associate' s degree	
Jniversity of Nebraska	City	State	Open Admission =	Non Land- Grant	Large,	arch, Research	25th	grant med	Enrollme	Under-	Minority %: 10% - 45%	of Undergradu	undergrad uate	<30% of graduate degrees	receiving Pell 29 -	graduate similarity score <7	granted <15% of total	COUNT
Winona State University	City Winona	Minnesota	NO	Grant	wiiusize	(high activity)	10-23	degree	25,000	<90%	10% - 45%	ate degrees	degrees	degrees	54	v score </td <td>ioiai</td> <td>COUNT</td>	ioiai	COUNT
Alcorn State University	Alcorn State	Mississippi		v	^ v		v		· ·		v	v	v		v	^ v		<u> </u>
Delta State University	Cleveland	Mississippi		^	Y Y		^		Y Y		^	^	^		^	x		
Jackson State University	Jackson	Mississippi			Î.		v		v		v				v	^		<u> </u>
Mississippi State University	Mississippi State	Mississippi		Y	Y	Y	^	Y	^	Y	^	Y		x	^			
Mississippi University for Women	Columbus	Mississippi		^	v	^		^	v	^		^	v	^	v	v		<b>—</b>
Mississippi Valley State University	Itta Bena	Mississippi			x		Y		×		x		^		×	^		1
University of Mississippi	University	Mississippi			v		^			v	^				^			<u> </u>
University of Mississippi Medical Center	Jackson	Mississippi	v		^	v	v	v	~	^			v		v	~		
University of Nilssissippi Medical Center University of Southern Mississippi	Hattiesburg	Mississippi	^		v	^	^	^	^				^		^	^		
Harris-Stowe State University	Saint Louis	Missouri	v		^	v	v		~		~			v	v	~		
Lincoln University	Jefferson City	Missouri	· ·	L .	,	^	~	1	·	1	^		~	^	v	^	_	<del>                                     </del>
Missouri Southern State University	Joplin	Missouri	^	^	· ·	v	^	1	·				^ v		^	,	^ v	$\vdash$
Missouri State University-Springfield	Springfield	Missouri	+	<del>                                     </del>	^	^	<u> </u>	1	^	1			^	<del>                                     </del>	<u> </u>	^	^	
Missouri University of Science and Technology	Rolla	Missouri			L													<del>                                     </del>
Missouri Western State University	Saint Joseph	Missouri			X		X		X			X		X	X	X		<u> </u>
Northwest Missouri State University	Maryville	Missouri	X		X	X	X	1	X				X			X		<del></del>
Southeast Missouri State University	Cape Girardeau	Missouri			X			1	X	Х								-
Truman Medical Center School of Nurse Anesthesia	Kansas City	Missouri			X			1										-
Truman Medical Center School of Nurse Anesthesia  Truman State University			X	1		X	Х	1	Х	Х	Х		Х	Х	Х	Х		
University of Central Missouri	Kirksville	Missouri Missouri			X		Х		Х	Х					Х	Х		$\vdash$
	Warrensburg	Missouri			X													-
University of Missouri-Columbia	Columbia			х	1	x		х	Х	Х					х			<b>├</b>
University of Missouri-Kansas City University of Missouri-St Louis	Kansas City Saint Louis	Missouri Missouri						Х										
Montana State University		Montana																
	Bozeman			Х	X	X					Х	Х		Х		Х		-
Montana State University-Billings	Billings	Montana	х	-	1		Х		Х				Х				х	
Montana State University-Northern	Havre	Montana			X	X	Х		X				X			X	Х	
Montana Tech of the University of Montana	Butte	Montana		-	x	x			Х	Х	Х	Х	Х	х		х		<b>├</b>
The University of Montana	Missoula	Montana			х			-										<b>├</b> ──
The University of Montana-Western	Dillon	Montana	Х		х	х	Х	-	Х		Х			Х		Х	Х	<u> </u>
Chadron State College	Chadron	Nebraska	X		х	х	Х	-	Х									
Peru State College	Peru	Nebraska	Х		х		Х	-	Х							Х		<b>├</b> ──
University of Nebraska at Kearney	Kearney	Nebraska			х			1	Х									
University of Nebraska at Omaha	Omaha	Nebraska						1										
University of Nebraska Medical Center	Omaha	Nebraska	Х			х	Х	Х	Х		Х		Х		Х	Х		<u> </u>
University of Nebraska-Lincoln	Lincoln	Nebraska		Х		х		1		Х		Х		Х	Х			<b>├</b> ──
Wayne State College	Wayne	Nebraska	х		х		х	1	Х	Х	Х					Х		
College of Southern Nevada	Las Vegas	Nevada	х			х	х	1	х		х		Х	х		х	х	├──
Great Basin College	Elko	Nevada	х		х	х	х	1	Х					Х		Х	Х	
Nevada State College	Henderson	Nevada				х	Х	1	х		Х		Х	х		Х		
University of Nevada-Las Vegas	Las Vegas	Nevada		-				х	х		Х							<b></b>
University of Nevada-Reno	Reno	Nevada		х				х				Х						<del>-</del>
Western Nevada College	Carson City	Nevada	х	1	х	х	х	ļ	х				1	х	1	х	х	₩
Granite State College	Concord	New Hampshire	х	-	х	х	х	<b> </b>	х		х		<u> </u>		<u> </u>	х	х	<b>├</b> ──
Keene State College	Keene	New Hampshire		-	х			<b> </b>	х	х	х		<u> </u>		<u> </u>	х		<u> </u>
Plymouth State University	Plymouth	New Hampshire		1	х			<b> </b>	х	х	х				1	ļ		<b>↓</b>
University of New Hampshire at Manchester	Manchester	New Hampshire	1			х			x		х	х		х		х		<u> </u>
University of New Hampshire-Main Campus	Durham	New Hampshire		х	х			ļ		х	х	х			х			<u> </u>
Kean University	Union	New Jersey	1	1			х	1	1				1		1			Ь—
Montclair State University	Montclair	New Jersey						ļ								х		<u> </u>
New Jersey City University	Jersey City	New Jersey		1		1	×	1	×	1	¥	1	1	1	v	v	1	

						Carnegie												
institution name					Urbanization: City: Large,	Classification 2010: Basic =	ACT_SAT			Fall						weighted		
red: designated as peer of UNO by					City: Midsize,	Master's,	Composite			Enrollmen			Health			undergrad	Associate'	
University of Nebraska			Open		Suburb: Large.	Doctoral/Rese arch.	Conversion 25th		Fall Enrollme	t Full-time Under-		STEM <22%	<15% of undergrad	STEM <30% of	% of FTF receiving	uate + graduate	s degree granted	
Oniversity of Nebrasia			Admission =	Non Land-		Research	Percentile =	med			Minority %:	Undergradu		graduate	Pell 29 -	similarity	<15% of	
	City	State	NO	Grant	Midsize	(high activity)	18 - 23	degree	25,000	<90%	10% - 45%	ate degrees	degrees	degrees	54	score <7	total	COUNT
New Jersey Institute of Technology	Newark	New Jersey										х		x		х		
Ramapo College of New Jersey	Mahwah	New Jersey							х						х	х		
Rowan University	Glassboro	New Jersey																
Rutgers University-Camden	Camden	New Jersey			x				x							х		
Rutgers University-New Brunswick	New Brunswick	New Jersey		х	x	x	х		x	x		х				х		
Rutgers University-Newark	Newark	New Jersey									х					х		
The College of New Jersey	Ewing	New Jersey					х		x	x					х	х		
The Richard Stockton College of New Jersey	Galloway	New Jersey							х	х						х		
Thomas Edison State College	Trenton	New Jersey	x		x		х								x	х	х	
University of Medicine and Dentistry of New Jersey	Newark	New Jersey	x			х	х	х	х	х			х		x	х		
William Paterson University of New Jersey	Wayne	New Jersey																
Eastern New Mexico University-Main Campus	Portales	New Mexico			х		х		x									
Institute of American Indian and Alaska Native Culture	Santa Fe	New Mexico		х	x	х	х		x		х			х	х	х		
Navajo Technical University	Crownpoint	New Mexico	х	х	х	х	х		х		х			x	х	х	х	
New Mexico Highlands University	Las Vegas	New Mexico	x		x		х		х		х		х		х	х		1
New Mexico Institute of Mining and Technology	Socorro	New Mexico			Y				×			×		×		×		
New Mexico State University-Main Campus	Las Cruces	New Mexico		x							x	x						1
Northern New Mexico College	Espanola	New Mexico	v		v	v	v		v		v		v	v	v	v	v	
University of New Mexico-Main Campus	Albuquerque	New Mexico				v	^	v	v		v						<u> </u>	+
Western New Mexico University	Silver City	New Mexico	_		v	^		^	~		^ v		v		~	~	_	<del>†                                      </del>
Buffalo State SUNY	Buffalo	New York	×				X		X		X		X		X	×	X	+
College of Staten Island CUNY	Staten Island	New York	+															+
CUNY Bernard M Baruch College	New York	New York	-														*	+
CUNY Brooklyn College	Brooklyn	New York					X				X					X	<del>                                     </del>	+
											X					L	<del>                                     </del>	+
CUNY City College	New York	New York									X	Х			X	Х		+
CUNY Graduate School and University Center	New York	New York	х			х	Х		Х		Х				Х		<del>                                     </del>	+
CUNY Hunter College	New York	New York	-								Х					Х	<del>                                     </del>	+
CUNY John Jay College of Criminal Justice	New York	New York									Х				Х	Х	<del></del>	
CUNY Lehman College	Bronx	New York						1	ļ		Х		Х		х	Х		+
CUNY Medgar Evers College	Brooklyn	New York				х	х		х		х	Х		х	х	х	х	
CUNY New York City College of Technology	Brooklyn	New York				х	х				х	х	х	х	х	х	х	
CUNY Queens College	Flushing	New York							ļ		х					х		
CUNY School of Law at Queens College	Long Island City	New York	х			х	х		х	х		х	х		х	х		
CUNY York College	Jamaica	New York				x	х		х		х		х		х	х		
Farmingdale State College	Farmingdale	New York				x			x				х	х		х	х	
Fashion Institute of Technology	New York	New York					х		x							х	х	
Morrisville State College	Morrisville	New York			x	x	х		х			х		х	х	х	х	
State University of New York at New Paltz	New Paltz	New York							х	х								
Stony Brook University	Stony Brook	New York				x	х	x		х		х	х			х		
SUNY at Albany	Albany	New York			x	x				х						х		
SUNY at Binghamton	Vestal	New York					х			х		х			х	х		
SUNY at Fredonia	Fredonia	New York			x				х	х						х		
SUNY at Purchase College	Purchase	New York				х			x	х						х		
SUNY College at Brockport	Brockport	New York			х				х	х			х					
SUNY College at Cortland	Cortland	New York		Ì	х				х	х			İ			х		1
SUNY College at Geneseo	Geneseo	New York		Ì	х		х		х	х			İ		х	х		1
SUNY College at Old Westbury	Old Westbury	New York				Y	ľ		×		v				i	×	<b>†</b>	<b>†</b>
SUNY College at Oswego	Oswego	New York		1	v	~			v .	v			<u> </u>				<del>                                     </del>	<b>†</b>
SUNY College at Oswego SUNY College at Plattsburgh	Plattsburgh	New York		1	^ v			1	· v	v			1	1	1	v	$\vdash$	1
SUNY College at Potsdam	Potsdam	New York		1	^ v		V	1	·	·			1	1	1	~	$\vdash$	<b>†</b>
SUNY College of Agriculture and Technology at Cobleskill	Cobleskill	New York	+	<del>                                     </del>	^	l	^	-	^	^	l	<b> </b>	1		-	^	+	+

Appendix C - Threshold Approa	111111111111111111111111111111111111111	T OTTESTIC	X = HOL HIALC	T T	Cr L-defined	Carnegie	1	1				1	1	1	ı	1	1	
institution name red: designated as peer of UNO by University of Nebraska			Open Admission =	Non Land-	Urbanization: City: Large, City: Midsize, Suburb: Large,	Classification 2010: Basic = Master's, Doctoral/Rese arch,	ACT_SAT Composite Conversion 25th	grant	Fall Enrollme	Fall Enrollmen t Full-time Under-	Minority %:	STEM <22%	Health <15% of undergrad	STEM <30% of graduate	% of FTF receiving Pell 29 -	weighted undergrad uate + graduate	Associate' s degree granted	
	City	State	NO	Grant	Suburb: Midsize	Research (high activity)	Percentile = 18 - 23	med degree			10% - 45%	Undergradu ate degrees		degrees	Pell 29 - 54	similarity score <7	<15% of total	COUNT
SUNY College of Environmental Science and Forestry	Syracuse	New York							х	х	х	х		х	х	х		
SUNY College of Optometry	New York	New York	х			х	х		х	х		х	х		х	х		
SUNY College of Technology at Alfred	Alfred	New York			х	х			х	х		х		х		х	x	
SUNY College of Technology at Canton	Canton	New York			x	x	х		х				х	х	x	х	x	
SUNY College of Technology at Delhi	Delhi	New York			х	х	х		х				х	х	x	х	x	
SUNY Downstate Medical Center	Brooklyn	New York	х			х	х	х	x		х		х		x	x		
SUNY Empire State College	Saratoga Springs	New York			х		х								х	х	х	
SUNY Institute of Technology at Utica-Rome	Utica	New York							х			х	х	х		х		
SUNY Maritime College	Throggs Neck	New York				x			х	x		х			x	х		
SUNY Oneonta	Oneonta	New York			x				х	х								<u> </u>
United States Merchant Marine Academy	Kings Point	New York	х			х	х		х	х		х		х	х	х		<del></del>
United States Military Academy	West Point	New York		ļ	х	х	х		х	х		х		х	х	х		<del></del>
University at Buffalo	Buffalo	New York		<u> </u>		х		х	х	х		х				х		<b>↓</b>
Upstate Medical University	Syracuse	New York	х			x	х	х	х				х		х	х		<u> </u>
Wadsworth Center-NY State Dept of Health	Albany	New York	х		x	x	х	х	х	х	х	х	х	х	х	х	х	<b></b>
Appalachian State University	Boone	North Carolina			x					х					х			<u> </u>
East Carolina University	Greenville	North Carolina			x			х	х				х					<b>↓</b>
Elizabeth City State University	Elizabeth City	North Carolina			x	х	х		х	х	х				х	х		<b>↓</b>
Fayetteville State University	Fayetteville	North Carolina					х		х		х				х			<b>↓</b>
North Carolina A & T State University	Greensboro	North Carolina		х			х			х	х	х		х	х	х		
North Carolina Central University	Durham	North Carolina					х		х		х				x	х		
North Carolina State University at Raleigh	Raleigh	North Carolina		х		х	х	х	х			х		х	х	х		<b>↓</b>
University of North Carolina at Asheville	Asheville	North Carolina			х	х	х		х			х			ļ	х		
University of North Carolina at Chapel Hill	Chapel Hill	North Carolina			х	х	х	х	х	х					х	х		
University of North Carolina at Charlotte	Charlotte	North Carolina							X									
University of North Carolina at Greensboro	Greensboro	North Carolina														ļ		₩
University of North Carolina at Pembroke	Pembroke	North Carolina			х		х		х		х				х	х		<b>↓</b>
University of North Carolina School of the Arts	Winston-Salem	North Carolina				х			х	х						х		₩
University of North Carolina Wilmington	Wilmington	North Carolina					х			х					х	ļ		₩
Western Carolina University	Cullowhee	North Carolina			Х								х					—
Winston-Salem State University	Winston-Salem	North Carolina					х		Х		Х		х		х	х		—
Bismarck State College	Bismarck	North Dakota	X		X	х	Х		Х		Х	Х		Х		Х	х	1
Dickinson State University	Dickinson	North Dakota			X	х			Х					Х		Х		—
Fort Berthold Community College	New Town	North Dakota	X	х	X	х	Х		Х		Х		Х	Х		Х	х	1
Mayville State University	Mayville	North Dakota	Х		х	х	Х		Х					Х		Х		+
Minot State University	Minot	North Dakota	-		х				Х						Х	-		+
North Dakota State University-Main Campus	Fargo	North Dakota	-	Х		х					Х	Х		Х	Х	Х		+
Sitting Bull College	Fort Yates	North Dakota	Х	Х	х	X	Х		Х		Х	Х		Х	Х	Х	Х	1
University of North Dakota	Grand Forks	North Dakota	1		x			х					Х		Х			+
Valley City State University	Valley City	North Dakota Ohio			Х	X			X							X		+
Air Force Institute of Technology-Graduate School of Engineering &	Wright-Patterson AFB Bowling Green	Ohio	Х				Х		Х	X	Х	Х		Х	Х	Х		+
Bowling Green State University-Main Campus  Central State University	Wilberforce	Ohio			X					X								-
Cleveland State University	Cleveland	Ohio			Х	Х	Х		Х	Х	Х				Х	Х		
	0.010.0.0.	Ohio																_
Kent State University at Ashtabula	Ashtabula	Ohio	X	1	X	X			х				X		X	X	X	1
Kent State University at East Liverpool	East Liverpool		X	1		X		1	X			1	X	X	х	X	x	<del>                                     </del>
Kent State University at Geauga	Burton	Ohio	х	1	х	Х	х	1	Х				X	х	-	х	х	+
Kent State University at Kent	Kent	Ohio	<u> </u>	<b> </b>	<del>                                     </del>		<u> </u>	1	X				х	L			L	1
Kent State University at Colom																		
Kent State University at Salem Kent State University at Stark	Salem Canton	Ohio Ohio	X								X		^		X			+

Appendix C - Threshold Appro			1		1	Carnegie	1	1	l .		1	I	1	1	l .	l .	$\overline{}$	
					Urbanization:	Classification												
institution name					City: Large, City: Midsize,	2010: Basic = Master's.	ACT_SAT Composite			Fall Enrollmen			Health			weighted	Associate'	.
red: designated as peer of UNO by					Suburb:	Doctoral/Rese	Conversion	Does not	Fall	t Full-time		STEM <22%	<15% of	STEM	% of FTF	undergrad uate +	s degree	
University of Nebraska			Open		Large,	arch,	25th	grant	Enrollme	Under-		of	undergrad	<30% of	receiving	graduate	granted	
	City	State	Admission = NO	Non Land- Grant	Suburb: Midsize	Research (high activity)	Percentile = 18 - 23	med degree	nt: 10,000- 25.000			Undergradu ate degrees		graduate degrees	Pell 29 - 54	similarity score <7	<15% of total	COUNT
Kent State University at Tuscarawas	New Philadelphia	Ohio	v	Orani	v	v	v	ucgree	v	C3070	v	v	v	v	v	y	v	COOK
Miami University-Hamilton	Hamilton	Ohio	v		^	v	v	v	v		^	v .	v	v	<u> </u>	v	^	<b>†</b>
Miami University-Hamilion	Middletown	Ohio	v		·	v	v	v	v			v	v	v		v		<b>†</b>
Miami University-Oxford	Oxford	Ohio	^		~	^	^ ~	^	^	~		^	^	^	~	^		+
Northeast Ohio Medical University	Rootstown	Ohio			^							v						+
Ohio State University-Lima Campus	Lima	Ohio						Χ		X		X	X		X		<u>.                                    </u>	+
Onio State University-Lima Campus Ohio State University-Main Campus	Columbus	Ohio	X	L	х	X	X	l.,	X					Х	L	X	X	+-
Ohio State University-Mansfield Campus	Mansfield	Ohio	t	X		X	X	X	X	X		X			X	X	<u> </u>	+-
		Ohio	X		X	X	X		X					X		X	X	+
Ohio State University-Marion Campus	Marion		X		X	X	X	1	X					X		X	X	+
Ohio State University-Newark Campus	Newark	Ohio	X	1	X	X	X	+	X		<b>.</b>	-		X	1	X	X	+
Ohio University-Chillicothe Campus	Chillicothe	Ohio	X	1	X	X	X	1	X		X	-	Х	X	Х	X	X	
Ohio University-Eastern Campus	Saint Clairsville	Ohio	Х	<del>                                     </del>	Х	Х	х	1	Х		Х	-	-	Х	1	Х	х	+
Ohio University-Lancaster Campus	Lancaster	Ohio	х		х	х	х		Х					Х		Х	х	+
Ohio University-Main Campus	Athens	Ohio			х			х	Х				Х		1	х	<b>├</b>	+
Ohio University-Southern Campus	Ironton	Ohio	х	1		х	х	1	Х		Х		Х	Х	Х	Х	х	
Ohio University-Zanesville Campus	Zanesville	Ohio	х		x	x	х		х		х		х	х	ļ	х	х	
Shawnee State University	Portsmouth	Ohio	х		х	х	х		х		х		Х		х	х	х	
University of Akron Main Campus	Akron	Ohio															<u> </u>	—
University of Cincinnati-Blue Ash College	Blue Ash	Ohio	х			x	х		х				х	х		х	х	↓
University of Cincinnati-Clermont College	Batavia	Ohio	x			x	х		х		х		х	х		х	х	↓
University of Cincinnati-Main Campus	Cincinnati	Ohio				x		х	х				х		х	х	<u> </u>	<u> </u>
University of Toledo	Toledo	Ohio						х					х			х		
Wright State University-Lake Campus	Celina	Ohio	х		x	x	х		х		х			х		х	х	
Wright State University-Main Campus	Dayton	Ohio	х				х	х										
Youngstown State University	Youngstown	Ohio	x		x		х								х			
Cameron University	Lawton	Oklahoma	x		x		х		х						х		x	
East Central University	Ada	Oklahoma			x				х							х		Ī
Langston University	Langston	Oklahoma	x	х	x		х		х		х		х		х	х		Ī
Northeastern State University	Tahlequah	Oklahoma			х				х						х			Ī
Northwestern Oklahoma State University	Alva	Oklahoma			x		х		х							х		1
Oklahoma Panhandle State University	Goodwell	Oklahoma			x	×	x		x			x		x		x	x	1
Oklahoma State University Center for Health Sciences	Tulsa	Oklahoma	x			x	x	x	x	x					x	x		1
Oklahoma State University Institute of Technology	Okmulgee	Oklahoma	Y Y		Y	×	Y Y		×			×		×	×	x	Y	
Oklahoma State University-Main Campus	Stillwater	Oklahoma	Î	v	v		^	v	v			ν .		v	^			1
Oklahoma State University-Oklahoma City	Oklahoma City	Oklahoma	Y	^	^	¥	¥	Î	x			^	x	x		x	×	<b>†</b>
Rogers State University	Claremore	Oklahoma	Ŷ		v	v	v		, ,				v	v .	_	v .	v	<del>†                                      </del>
Southeastern Oklahoma State University	Durant	Oklahoma	+		×	<u>^</u>	^					v	^	^ v		^	^	+
Southwestern Oklahoma State University	Weatherford	Oklahoma	+									X		X	X		<del></del>	+
University of Central Oklahoma	Edmond	Oklahoma	+		X				X				X			X	<del></del>	+
University of Oklahoma-Health Sciences Center	Oklahoma City	Oklahoma	t			l.,		l.,	L						L	L	<del></del>	+-
			X			X	X	X	X	X			X		X	X	-	+
University of Oklahoma-Norman Campus University of Science and Arts of Oklahoma	Norman Chickasha	Oklahoma Oklahoma	+	1		X		1	X			1	1	L.	х	l.,	<del></del>	+
			+		х	X		1	Х					Х		Х	<del>                                     </del>	+
Eastern Oregon University	La Grande	Oregon	+	1	Х		X	+	X		-	-		1	1	X	<del></del>	+
Oregon Health & Science University	Portland	Oregon	X	<del>                                     </del>		X	Х	х	X		-	-	Х	<del>                                     </del>	X	X	<del></del>	+
Oregon Institute of Technology	Klamath Falls	Oregon	+	<del>                                     </del>	Х	Х	<del>                                     </del>	1	Х		-	Х	Х	х	1	Х	<del></del>	+
Oregon State University	Corvallis	Oregon	-	х	х	Х		Х	х			Х		х		х	₩	₩
Oregon State University-Cascades Campus	Bend	Oregon	х		х	х	х	х	х			х	х	х	х	х		
Portland State University	Portland	Oregon							X									
Southern Oregon University	Ashland	Oregon							х								ــــــ	$oldsymbol{ol}}}}}}}}}}}}}}}}}}$
University of Oregon	Eugene	Oregon	1	1		х			<u> </u>	х			<u> </u>	1	х	]	<u> </u>	<del></del>
Western Oregon University	Monmouth	Oregon	1	1	x	l	l <sub>×</sub>	1	×	l	l	Ì	1	1	1	×	1	

						Carnegie				1								
in atitution name					Urbanization: City: Large,	Classification 2010: Basic =	ACT SAT			Fall						weighted		
institution name red: designated as peer of UNO by					City: Midsize,	Master's,	Composite			Enrollmen			Health			undergrad	Associate'	
University of Nebraska			0		Suburb:	Doctoral/Rese	Conversion			t Full-time		STEM <22%	<15% of	STEM	% of FTF	uate +	s degree	
Offiversity of Nebraska			Open Admission =	Non Land-	Large, Suburb:	arch, Research	25th Percentile =	grant med		Under- graduates:	Minority %:	Undergradu	undergrad uate	<30% of graduate	receiving Pell 29 -	graduate similarity	granted <15% of	
	City	State	NO		Midsize	(high activity)	18 - 23	degree	25,000		10% - 45%	ate degrees	degrees	degrees	54	score <7	total	COUNT
Bloomsburg University of Pennsylvania	Bloomsburg	Pennsylvania			x					x								
California University of Pennsylvania	California	Pennsylvania			x				х									
Cheyney University of Pennsylvania	Cheyney	Pennsylvania	x				х		х	х	х				х	х		
Clarion University of Pennsylvania	Clarion	Pennsylvania			x		х		х		х		х					
East Stroudsburg University of Pennsylvania	East Stroudsburg	Pennsylvania			x				х							х		
Edinboro University of Pennsylvania	Edinboro	Pennsylvania			x		х		х	х						х		
Indiana University of Pennsylvania-Main Campus	Indiana	Pennsylvania			x					х								
Kutztown University of Pennsylvania	Kutztown	Pennsylvania			x				х	х								
Lincoln University of Pennsylvania	Lincoln University	Pennsylvania					х		х	x	х				х	х		
Lock Haven University	Lock Haven	Pennsylvania			x		х		х	х			х			х		
Mansfield University of Pennsylvania	Mansfield	Pennsylvania			x		х		х	x								
Millersville University of Pennsylvania	Millersville	Pennsylvania							х			х						
Pennsylvania College of Technology	Williamsport	Pennsylvania	х		x	x	х		х		х	х	х	x		х	х	1
Pennsylvania State University-College of Medicine	Hershey	Pennsylvania	х			x	х	x	х	х			х		х	х		
Pennsylvania State University-Main Campus	University Park	Pennsylvania		х	x	x	х		х	х		х		х	х	х		1
Pennsylvania State University-Penn State Abington	Abington	Pennsylvania				x	х		х					х		х		
Pennsylvania State University-Penn State Altoona	Altoona	Pennsylvania			x	x			х	х			х	х		х	х	
Pennsylvania State University-Penn State Beaver	Monaca	Pennsylvania				x	х		х					х		х		
Pennsylvania State University-Penn State Berks	Reading	Pennsylvania				x			х					x		х	х	
Pennsylvania State University-Penn State Brandywine	Media	Pennsylvania				x			х					x		х		
Pennsylvania State University-Penn State Dubois	DuBois	Pennsylvania			x	x	х		х		х	х	х	x		х	х	1
Pennsylvania State University-Penn State Erie-Behrend College	Erie	Pennsylvania							х	x		х				х		
Pennsylvania State University-Penn State Fayette- Eberly	Lemont Furnace	Pennsylvania			x	x	х		х		х	х	х	x		х	х	1
Pennsylvania State University-Penn State Great Valley	Malvern	Pennsylvania	х				х		х	x					х	х		
Pennsylvania State University-Penn State Greater Allegheny	McKeesport	Pennsylvania				x	х		х	x				x		х		
Pennsylvania State University-Penn State Harrisburg	Middletown	Pennsylvania							х			х						
Pennsylvania State University-Penn State Hazleton	Hazleton	Pennsylvania			x	x	х		х	х			х	x		х	х	
Pennsylvania State University-Penn State Lehigh Valley	Center Valley	Pennsylvania				x			х					x		х		
Pennsylvania State University-Penn State Mont Alto	Mont Alto	Pennsylvania			x	x	х		х				х	x		х	х	
Pennsylvania State University-Penn State New Kensington	New Kensington	Pennsylvania			x	x			х		х	х	х	х		х	х	
Pennsylvania State University-Penn State Schuylkill	Schuylkill Haven	Pennsylvania			x	x	х		х				х	х	х	х	х	
Pennsylvania State University-Penn State Shenango	Sharon	Pennsylvania				x	х		х				х	х	х	х	х	
Pennsylvania State University-Penn State Wilkes-Barre	Lehman	Pennsylvania			x	x			х			х		х		х	х	
Pennsylvania State University-Penn State Worthington Scranton	Dunmore	Pennsylvania				х	х		х				х	х		х	х	
Pennsylvania State University-Penn State York	York	Pennsylvania				х	х		х			х				х	х	
Pennsylvania State University-World Campus	University Park	Pennsylvania			х	х	х		х						х	х		
Shippensburg University of Pennsylvania	Shippensburg	Pennsylvania			х				х	x								
Slippery Rock University of Pennsylvania	Slippery Rock	Pennsylvania			x				x	x	x							1
Temple University	Philadelphia	Pennsylvania						х	х									
The Dickinson School of Law of the Pennsylvania State University	Carlisle	Pennsylvania	х		x	x	х		x	x		х	х		х	х		1
University of Pittsburgh-Bradford	Bradford	Pennsylvania			x	x			х	х			х	х		х		1
University of Pittsburgh-Greensburg	Greensburg	Pennsylvania				x			х	x				х		х		
University of Pittsburgh-Johnstown	Johnstown	Pennsylvania			x	x			х	х	х	х		х		х		
University of Pittsburgh-Pittsburgh Campus	Pittsburgh	Pennsylvania				х	х	х	х	х					x	x		1
West Chester University of Pennsylvania	West Chester	Pennsylvania	1	1			ľ	i i		х			x		x	1	1	1
Rhode Island College	Providence	Rhode Island					х		х				1					
University of Rhode Island	Kingston	Rhode Island	1	x			ľ	1					1	1	1		1	<b>†</b>
Citadel Military College of South Carolina	Charleston	South Carolina	1					<b>†</b>	x	Y		x			v			<b>†</b>
Clemson University	Clemson	South Carolina	1	x			x	<b>†</b>	_	x		x	<b>†</b>	×	x	x		<b>†</b>
Coastal Carolina University	Conway	South Carolina	1		v			<u> </u>	v	v .								<del>                                     </del>
College of Charleston	Charleston	South Carolina	<del>†</del>		^	1	1	1	^	^		<del> </del>	1	l				-

Appendix C - Threshold Appro		1	1		1			1	1				1					
institution name red: designated as peer of UNO by University of Nebraska	City	State	Open Admission = NO	Non Land- Grant	Urbanization: City: Large, City: Midsize, Suburb: Large, Suburb: Midsize	Carnegie Classification 2010: Basic = Master's, Doctoral/Rese arch, Research (high activity)	ACT_SAT Composite Conversion 25th Percentile = 18 - 23	Does not grant med degree	Enrollme	Fall Enrollmen t Full-time Under- graduates: <90%	Minority %: 10% - 45%	STEM <22% of Undergradu ate degrees	undergrad uate	STEM <30% of graduate degrees	% of FTF receiving Pell 29 -	weighted undergrad uate + graduate similarity score <7	Associate' s degree granted <15% of total	COUNT
Francis Marion University	Florence	South Carolina	NO	Grant	wiiusize	(High activity)	v v	uegree	23,000	C30 /6	10 /8 - 43 /8 v	ate degrees	v	uegrees	V .	SCOIE </th <th>iotai</th> <th>COUNT</th>	iotai	COUNT
Lander University	Greenwood	South Carolina			×	~	·			v	^		^		^	v		
Medical University of South Carolina	Charleston	South Carolina				×	X		X V	X			v		v	×		
South Carolina State University			×			^		X					χ					<del>- </del>
University of South Carolina-Aiken	Orangeburg	South Carolina	1	X	X		X		X	Х	Х	Х			X	Х		- 3
,	Aiken	South Carolina				х			Х						1			<del>                                     </del>
University of South Carolina-Beaufort	Bluffton	South Carolina	-		Х	х	Х		Х					Х		Х		
University of South Carolina-Columbia	Columbia	South Carolina				х	Х	Х	Х	Х					Х			
University of South Carolina-Upstate	Spartanburg	South Carolina				х		1	х				Х		ļ	х		<del></del>
Winthrop University	Rock Hill	South Carolina			х				х									
Black Hills State University	Spearfish	South Dakota			х				х							х		
Dakota State University	Madison	South Dakota			х				х		х	х	х	х	1	х		<u> </u>
Northern State University	Aberdeen	South Dakota			х	х			х		х					х		<u> </u>
Oglala Lakota College	Kyle	South Dakota	x	х	x	x	х		х		х				х	х	х	10
South Dakota School of Mines and Technology	Rapid City	South Dakota			x	x	х		x			х		х		х		
South Dakota State University	Brookings	South Dakota		х	x						х	х	х	х		х		
University of South Dakota	Vermillion	South Dakota			x			х			х		х			х	х	
Austin Peay State University	Clarksville	Tennessee													x			
East Tennessee State University	Johnson City	Tennessee			x			х					х			х		
Middle Tennessee State University	Murfreesboro	Tennessee																1
Tennessee State University	Nashville	Tennessee	x	х			х		х		х		х		х	х		,
Tennessee Technological University	Cookeville	Tennessee			x					х	х	х				х		,
The University of Tennessee-Chattanooga	Chattanooga	Tennessee																,
The University of Tennessee-Knoxville	Knoxville	Tennessee		×		Y	×	¥	×	Y		Y				×		
The University of Tennessee-Martin	Martin	Tennessee			Y		^	^	×	^								
University of Memphis	Memphis	Tennessee			^													
Angelo State University	San Angelo	Texas			v				v				v			v		<del>  '</del>
Brazosport College	Lake Jackson	Texas			×	~	v					v	^			·	v	
Lamar University	Beaumont Beaumont	Texas	X		X	x	X		X			Х		Х		X V	х	<del>                                     </del>
Midland College			L.															
-	Midland	Texas	X			X	х		X				X	Х		X	Х	
Midwestern State University	Wichita Falls	Texas							Х				Х			Х		<del></del>
Prairie View A & M University	Prairie View	Texas		Х	х		Х		Х	Х	Х	Х	Х		Х	Х		10
Sam Houston State University	Huntsville	Texas	-		х													<del></del>
South Texas College	McAllen	Texas	х			х	Х		Х		Х		Х	Х	Х	Х	Х	10
Stephen F Austin State University	Nacogdoches	Texas			х			1	<b> </b>						ļ			<u> </u>
Sul Ross State University	Alpine	Texas			х		х	1	х		Х				х	х		<u> </u>
Tarleton State University	Stephenville	Texas			х							Х						<del></del>
Texas A & M International University	Laredo	Texas					х		х		х				х			
Texas A & M University Health Science Center	Bryan	Texas	х		х	х	х	х	х	х			х		х	х		10
Texas A & M University-Central Texas	Killeen	Texas	x		x	х	х		х		х				х			
Texas A & M University-College Station	College Station	Texas		х	x	x		х	x			х		х		x		
Texas A & M University-Commerce	Commerce	Texas			х										x	x		<b></b> :
Texas A & M University-Corpus Christi	Corpus Christi	Texas									х		х					
Texas A & M University-Galveston	Galveston	Texas	х		х	х	х	х	х	х	х	х		х	x	х		12
Texas A & M University-Kingsville	Kingsville	Texas			х		х				х	х		x	x	x		
Texas A & M University-Texarkana	Texarkana	Texas			х				х							х		
Texas Southern University	Houston	Texas					х		x		х				x			
Texas State University	San Marcos	Texas			х				x									
Texas Tech University	Lubbock	Texas						1	х			х			х	1	1	
Texas Tech University Health Sciences Center	Lubbock	Texas	х	1		х	x	x	x				х		x	х	1	
Texas Woman's University	Denton	Texas	ľ				ν.	ľ.			Y		x		x	x		
The University of Texas at Arlington	Arlington	Texas	+	<b>!</b>	<b></b>		<u>^</u>	<b></b>	<b>.</b>		^		<u> </u>		r	^	<b>-</b>	+

						Carnegie												
institution name					Urbanization: City: Large,	Classification 2010: Basic =	ACT SAT			Fall						weighted		
red: designated as peer of UNO by					City: Midsize,	Master's,	Composite			Enrollmen			Health			undergrad	Associate'	
University of Nebraska			Open		Suburb: Large,	Doctoral/Rese arch.	Conversion 25th	Does not grant	Fall Enrollme	t Full-time Under-		STEM <22%	<15% of undergrad	STEM <30% of	% of FTF receiving	uate + graduate	s degree granted	
	City	State		Non Land- Grant		Research (high activity)	Percentile =	med degree		graduates:	Minority %:	Undergradu ate degrees	uate	graduate degrees	Pell 29 - 54	similarity score <7	<15% of total	COUNT
The University of Texas at Austin	Austin	Texas				x	х		х	x		х		J				
The University of Texas at Brownsville	Brownsville	Texas	х				х				х		х		х	х	x	
The University of Texas at Dallas	Richardson	Texas					x					х		х		х		
The University of Texas at El Paso	El Paso	Texas					х				х				х			
The University of Texas at San Antonio	San Antonio	Texas							x		x							
The University of Texas at Tyler	Tyler	Texas			x				x				х					
The University of Texas Health Science Center at Houston	Houston	Texas	x			x	x	x	x				х		х	х		
The University of Texas Health Science Center at San Antonio	San Antonio	Texas	x			x	х	х	х	х	х		х		х	x		
The University of Texas MD Anderson Cancer Center	Houston	Texas	x			x	х		х		х		х	х	х	x		
The University of Texas Medical Branch	Galveston	Texas	х		х	x	х	х	х				х		х	х		
The University of Texas of the Permian Basin	Odessa	Texas							х		х							
The University of Texas-Pan American	Edinburg	Texas			x						х				х			
University of Houston	Houston	Texas				х			х		х	х						
University of Houston-Clear Lake	Houston	Texas	х				х		х					х	х			
University of Houston-Downtown	Houston	Texas				х	х				х				х	х		
University of Houston-Victoria	Victoria	Texas			х		х		х		х		х		х	х		
University of North Texas	Denton	Texas							х									1
University of North Texas Health Science Center	Fort Worth	Texas	x			x	х	x	x	х		х	х	х	х	x		
University of Texas Southwestern Medical Center	Dallas	Texas	x			x	х	x	x	х			х		х	x		1
West Texas A & M University	Canyon	Texas			x				х									
Dixie State University	Saint George	Utah	x		x	x	х		x				х	х		х	х	
Snow College	Ephraim	Utah	x		x	x	х		х		х		х	х		х	х	
Southern Utah University	Cedar City	Utah			x				×		x					x	x	
University of Utah	Salt Lake City	Utah				×		x	x						x	x		
Utah State University	Logan	Utah		x	×			x	x					х				
Utah Valley University	Orem	Utah	x		x	×	x		×							x	x	
Weber State University	Oaden	Utah	x		x		x		×				x			x	x	
Castleton State College	Castleton	Vermont	Î		x	×	x		x		x		x			x		
Johnson State College	Johnson	Vermont			Y		Y		×		Y					×		
Lyndon State College	Lyndonville	Vermont			Y Y	×	Y Y		×		Y Y					x		1
University of Vermont	Burlington	Vermont		v	v	Î.	^	v	<u>^</u>		^	v			v	v .		
Vermont Technical College	Randolph Center	Vermont		^	v	·	v	^	v		v	v	v	v	^	v	v	
Christopher Newport University	Newport News	Virginia			^	Î.	^		v	v	^	^	^	^	v	v .	^	
College of William and Mary	Williamsburg	Virginia			_		~		· ·	~					· ·	~		1
Eastern Virginia Medical School	Norfolk	Virginia			^	_	· ·	v	^ v	~			~		^ v	~		
George Mason University	Fairfax	Virginia	^			^	^	^	· ·	^			^		· ·	^		_
James Madison University	Harrisonburg	Virginia	-						X	v					×			+
Longwood University	Farmville	Virginia	+															+
Norfolk State University	Norfolk	Virginia	-		X				x v	х	v		v		×	X V		+
Old Dominion University	Norfolk		+				X		X		X		X		X	X		
Radford University	Radford	Virginia Virginia						1	L									-
The University of Virginia's College at Wise					X	L			X	Х								
University of Mary Washington	Wise Fredericksburg	Virginia Virginia	+	1	Α	A	1	<del>                                     </del>	X				<del>                                     </del>	X	L.			<del>                                     </del>
	-	T T	+	1				l.,	Х				1	<u> </u>		X		$\vdash$
University of Virginia-Main Campus	Charlottesville	Virginia	+	-	х	X	X	X		х		Х	<b> </b>	-	Х	х	-	├──
Virginia Commonwealth University	Richmond	Virginia	+	1		X		х	X				1	L .	ł. –			+
Virginia Military Institute	Lexington	Virginia	+	<del>                                     </del>	X	X	-	<del>                                     </del>	Х	х	-	Х	<del>                                     </del>	Х	х	X	<b> </b>	<del>                                     </del>
Virginia Polytechnic Institute and State University	Blacksburg	Virginia	+	Х	Х	X	Х	х	Х	Х	-	Х	<u> </u>	Х	Х	Х		
Virginia State University	Petersburg	Virginia	+	х			Х	-	Х	х	Х		<u> </u>	<b> </b>	х			<u> </u>
Bellevue College	Bellevue	Washington	X	<del>                                     </del>		X	Х	<b> </b>	-				<del>                                     </del>	Х	1	х	Х	$\vdash$
Central Washington University	Ellensburg	Washington	+	1	Х	-	1	-	1			-	1	1	1	1		<del>                                     </del>
Centralia College	Centralia	Washington	х	1	х	х	x		x	1	1	Ì	x	x	1	х	x	1

Appendix C - Threshold Appro	ach: Phase	I Criteria	v – not mate	hing on C	CDE defined	oritoria												
institution name red: designated as peer of UNO by University of Nebraska	City	State	Open Admission =	Non Land-	Urbanization: City: Large, City: Midsize, Suburb: Large, Suburb: Midsize	Carnegie Classification 2010: Basic = Master's, Doctoral/Rese arch, Research (high activity)	ACT_SAT Composite Conversion 25th Percentile = 18 - 23	grant med	Enrollme	Fall Enrollmen t Full-time Under- graduates: <90%	Minority %: 10% - 45%	STEM <22% of Undergradu ate degrees	undergrad uate	STEM <30% of graduate degrees	% of FTF receiving Pell 29 - 54	weighted undergrad uate + graduate similarity score <7	Associate's degree granted <15% of total	COUNT
Columbia Basin College	Pasco	Washington	NO	Grant	WIIGSIZE	(nigh activity)	18 - 23	degree	25,000	<90%	10% - 45%	ate degrees	aegrees	aegrees 	54	score </th <th>totai</th> <th>COUNT</th>	totai	COUNT
Eastern Washington University	Chenev	Washington	Х			X	X		X				X	Х		X	X	+
Lake Washington Institute of Technology	Kirkland	Washington	v			v	×		_			v	v	v		v	~	+
Northwest Indian College	Bellingham	Washington	·	_	v	~	·		~		~	^	^	· ·	~	~	· ·	<del>                                     </del>
Olympic College	Bremerton	Washington	·	^	~	~	·		~		^	v		· ·	^	~	· ·	<del>                                     </del>
Peninsula College	Port Angeles	Washington			× v	× v	×		×			Χ	v	×		×	x 	+
Seattle Central College	Seattle	Washington	×			× v	X		×				X V	×		×	X	+
Seattle Community College-North Campus	Seattle	Washington				× v	×		×				v.	×		×	x 	+
Seattle Community College-North Campus  Seattle Community College-South Campus	Seattle	Washington	~	1		^ v	· ·	1	,	1			^		1	·	· ·	+
The Evergreen State College	Olympia	Washington	^	<b> </b>	<del>                                     </del>	^	^	<del>                                     </del>	^ ~	_	-		1	^	<del>                                     </del>	~	^	+
University of Washington-Bothell Campus	Bothell	Washington	1	1				1	,	^			L.	1	1	^		+
University of Washington-Seattle Campus	Seattle	Washington						l.,	X				X					+
University of Washington-Tacoma Campus	Tacoma	Washington				X	X	X	X	X		X			х	Х		+
Washington State University	Pullman	Washington					х	l	X									+
,		·		Х	X	X		X	х					Х				+
Western Washington University	Bellingham	Washington			X				L.	Х					X			+
Bluefield State College Concord University	Bluefield Athens	West Virginia West Virginia			X	X	Х	1	X				Х	Х	Х	X	Х	+
Fairmont State University					X	X			X	Х	X					X		+
	Fairmont	West Virginia			X			1	Х		Х		Х		1	Х		+
Glenville State College	Glenville	West Virginia			X	X	Х	1	Х					Х	Х	Х	Х	+
Marshall University	Huntington	West Virginia			X			х	1		Х		Х		1			1
Potomac State College of West Virginia University	Keyser	West Virginia	Х		X	Х	Х		X			Х		Х	Х	X	Х	+
Shepherd University	Shepherdstown	West Virginia			x				х						-	х		+
West Liberty University	West Liberty	West Virginia			x	х		-	Х		Х		Х			Х		+
West Virginia School of Osteopathic Medicine	Lewisburg	West Virginia	х		x	x	Х	х	х	Х		Х	Х		Х	х		1
West Virginia State University	Institute	West Virginia		Х		х		-	Х					Х		Х		+
West Virginia University	Morgantown	West Virginia		Х	х			Х	Х	Х		Х					-	+
West Virginia University at Parkersburg	Parkersburg	West Virginia	Х		х	Х	Х	-	Х		Х			Х		Х	Х	+
West Virginia University Institute of Technology	Montgomery	West Virginia			х	х		-	Х			Х		Х		Х	-	+
Madison Area Technical College	Madison	Wisconsin	Х			х	Х	-	<u> </u>				Х	Х		Х	Х	+
University of Wisconsin-Eau Claire	Eau Claire	Wisconsin			х			-	<u> </u>	Х	Х						-	+
University of Wisconsin-Green Bay	Green Bay	Wisconsin						-	Х									+
University of Wisconsin-La Crosse	La Crosse	Wisconsin	1	<del>                                     </del>	Х	<u> </u>		<b> </b>	<b> </b>	х	Х		<del>                                     </del>	<del>                                     </del>	Х	-	-	₩
University of Wisconsin-Madison	Madison	Wisconsin	1	х	-	Х	Х	х	Х	Х	-	Х	1	Х	Х	Х	1	+1
University of Wisconsin-Milwaukee	Milwaukee	Wisconsin		<u> </u>				-	Х				1	1				+
University of Wisconsin-Oshkosh	Oshkosh	Wisconsin		1	Х	-		-	-		Х		1	1			-	₩
University of Wisconsin-Parkside	Kenosha	Wisconsin		1	-	Х		-	Х				1	1		х	-	₩
University of Wisconsin-Platteville	Platteville	Wisconsin	1	<del>                                     </del>	Х	-		<del>                                     </del>	Х	1	Х	Х	1	1	-	Х	1	+
University of Wisconsin-River Falls	River Falls	Wisconsin	1	<del>                                     </del>	Х	-		<del>                                     </del>	Х	Х	Х	Х	1	1	-	х	1	+
University of Wisconsin-Stevens Point	Stevens Point	Wisconsin	1	1	Х	-		-	Х	Х	Х	Х	1	1	1	х	-	+
University of Wisconsin-Stout	Menomonie	Wisconsin	1	1	Х			<b> </b>	х	1	Х	-	1	1	-	1	1	₩
University of Wisconsin-Superior	Superior	Wisconsin						<b> </b>	х							<u> </u>		₩
University of Wisconsin-Whitewater	Whitewater	Wisconsin			х			<b> </b>	<b> </b>	х						х		₩
University of Wyoming	Laramie	Wyoming		х	х			1	1			х			х	х		

# **Appendix D: Location of UNO's Peers**

