

**GREAT LAKES - NORTHERN FOREST  
COOPERATIVE ECOSYSTEM STUDIES UNIT**

**AMENDMENT TWO to  
COOPERATIVE and JOINT VENTURE AGREEMENT**

**between**

**U.S. DEPARTMENT OF THE INTERIOR  
Bureau of Land Management  
U.S. Geological Survey  
National Park Service  
U.S. Fish and Wildlife Service**

**U.S. DEPARTMENT OF AGRICULTURE  
U.S. Forest Service, Northern Research Station  
Natural Resources Conservation Service**

**NATIONAL AERONAUTICS AND SPACE ADMINISTRATION**

**U.S. DEPARTMENT OF DEFENSE  
U.S. Army Corps of Engineers–Civil Works  
Office of the Deputy Under Secretary of Defense  
(Installations and Environment)**

**and**

**UNIVERSITY OF MINNESOTA (HOST)  
Fond du Lac Tribal and Community College  
Indiana University  
Michigan State University  
Michigan Technological University  
Minnesota State University–Mankato  
Southern University and A&M College  
SUNY-College of Environmental Science and Forestry  
University of Iowa  
University of Toledo  
University of Vermont and State Agricultural College  
University of Wisconsin–Madison  
West Virginia University  
American Indian Science and Engineering Society  
Great Lakes Commission  
Great Lakes Forest Alliance  
Minnesota Department of Natural Resources**

**National Council for Air and Stream Improvement, Inc.  
The Nature Conservancy  
Science Museum of Minnesota  
Cleveland State University  
University of Wisconsin–Stevens Point  
Northern Michigan University  
Stephen F. Austin State University  
University of Wisconsin–La Crosse  
Antioch University New England  
Cornell University  
Indiana State University  
Purdue University  
University of Notre Dame  
Ball State University  
Grand Valley State University  
Hamline University  
Midwest Art Conservation Center  
St. Mary’s University of Minnesota  
Winona State University  
Central Michigan University  
Kent State University  
The Ohio State University  
Wildlife Conservation Society**

**Adding:**

**Chicago Botanic Garden  
Northland College  
Northern Illinois University**

With the exception of the changes below, all terms and conditions of the Great Lakes – Northern Forest CESU agreement apply to this Amendment, and this Amendment is hereby made part of the agreement.

**ARTICLE I. ARTICLE I. BACKGROUND AND OBJECTIVES**

O.2. Chicago Botanic Garden, Northland College, and Northern Illinois University are hereby included in the Great Lakes – Northern Forest CESU as Partner Institutions.

**ARTICLE III. TERM OF AGREEMENT**

- A.1. The effective date of the Great Lakes – Northern Forest CESU Cooperative and Joint Venture Agreement is 02 August 2012.
- A.2. The effective date of this amendment to the Great Lakes – Northern Forest CESU Cooperative and Joint Venture Agreement shall be determined from the date of the last signature.

#### **ARTICLE IV. KEY OFFICIALS**

C.41. The technical representative for Chicago Botanic Garden is:

Gregory M. Mueller  
Vice President of Science and Academic Programs  
Chicago Botanic Garden  
1000 Lake Cook Road  
Glencoe, IL 60022  
Phone: (847) 835-8226  
[gmueller@chicagobotanic.org](mailto:gmueller@chicagobotanic.org)

The administrative representative for Chicago Botanic Garden is:

Anya Maziak  
Development Officer, Foundation and Government Relations  
Chicago Botanic Garden  
1000 Lake Cook Road  
Glencoe, IL 60022  
Phone: (847) 835-6896  
[amaziak@chicagobotanic.org](mailto:amaziak@chicagobotanic.org)

C.42. The technical representative for Northland College is:

Randy Lehr  
Bro Professor of Sustainable Regional Development  
Sigurd Olson Environmental Institute  
Northland College  
1411 Ellis Avenue  
Ashland, WI 54806  
Phone: (715) 682-1261  
[rlehr@northland.edu](mailto:rlehr@northland.edu)

The administrative representative for Northland College is:

Robert Jackson  
Vice President of Finance and Administration

Northland College  
1411 Ellis Avenue  
Ashland WI, 54806  
Phone: (715) 682-1207  
[riackson@northland.edu](mailto:riackson@northland.edu)

C.43. The technical representative for Northern Illinois University is:

Dr. Melissa Lenczewski  
Associate Professor, Geology & Environmental Geosciences  
Acting Director, Institute for the Study of the Environment, Sustainability, and  
Energy  
Northern Illinois University  
DeKalb, IL 60115  
Phone: (815) 753-7937  
[lenczewski@niu.edu](mailto:lenczewski@niu.edu)

The administrative representative for Northern Illinois University is:

Dara C. Little  
Director, Office of Sponsored Projects  
Northern Illinois University  
DeKalb, IL 60115  
Phone: (815) 753-9285  
[dlittle@niu.edu](mailto:dlittle@niu.edu)

#### **ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES**

The following authorizing signatures are attached:

##### U.S. DEPARTMENT OF THE INTERIOR

- A. Bureau of Land Management
- B. U.S. Geological Survey
- C. National Park Service
- D. U.S. Fish and Wildlife Service

##### U.S. DEPARTMENT OF AGRICULTURE

- E. U.S. Forest Service
- F. Natural Resources Conservation Service

##### G. NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

##### U.S. DEPARTMENT OF DEFENSE

- H. U.S. Army Corps of Engineers–Civil Works
- I. Office of the Deputy Under Secretary of Defense (Installations and Environment)

- J. UNIVERSITY OF MINNESOTA (HOST)
- K. Fond du Lac Tribal and Community College
- L. Indiana University
- M. Michigan State University
- N. Michigan Technological University
- O. Minnesota State University–Mankato
- P. Southern University and A&M College
- Q. SUNY–College of Environmental Science and Forestry
- R. University of Iowa
- S. University of Toledo
- T. University of Vermont and State Agricultural College
- U. University of Wisconsin–Madison
- V. West Virginia University
- W. American Indian Science and Engineering Society
- X. Great Lakes Commission
- Y. Great Lakes Forest Alliance
- Z. Minnesota Department of Natural Resources
- AA. National Council for Air and Stream Improvement, Inc.
- BB. The Nature Conservancy
- CC. Science Museum of Minnesota
- DD. Cleveland State University
- EE. University of Wisconsin–Stevens Point
- FF. Northern Michigan University
- GG. Stephen F. Austin State University
- HH. University of Wisconsin–La Crosse
- II. Antioch University New England
- JJ. Cornell University
- KK. Indiana State University
- LL. Purdue University
- MM. University of Notre Dame
- NN. Ball State University
- OO. Grand Valley State University
- PP. Hamline University
- QQ. Midwest Art Conservation Center
- RR. St. Mary’s University of Minnesota
- SS. Winona State University
- TT. Central Michigan University
- UU. Kent State University
- VV. The Ohio State University
- WW. Wildlife Conservation Society
- XX. **Chicago Botanic Garden**
- YY. **Northland College**
- ZZ. **Northern Illinois University**

**ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)**

A. Bureau of Land Management

Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

\_\_\_\_\_  
Dr. John Lyon  
State Director, Eastern States


\_\_\_\_\_  
Date

\_\_\_\_\_  
Lisa T. Clayton  
Grants Management Officer

\_\_\_\_\_  
Date

**ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)**

B. U.S. Geological Survey

  
\_\_\_\_\_  
Sherri Ly Bredesen  
Contracting Officer

08/13/13  
Date

**ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)**

C. National Park Service

**CATHERINE  
SCHROEDER  
R**

Digitally signed by CATHERINE  
SCHROEDER  
DN: c=US, o=U.S. Government,  
ou=Department of the Interior,  
ou=National Park Service,  
cn=CATHERINE SCHROEDER,  
0.9.2342.19200300.100.1.1=1400  
1002052640  
Date: 2013.09.09 11:10:12 -05'00'

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Penny Russell  
Grants and Assistance Officer

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Date



**ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)**

D. U.S. Fish and Wildlife Service



John Stokes  
Chief, Contracting & Facilities Management

8/12/13

Date

**ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)**

E. U.S. Forest Service

A handwritten signature in blue ink that reads "David Garrison". The signature is written in a cursive style and is positioned above a horizontal line.

David Garrison  
Grants and Agreements Specialist  
Northern Research Station

8/19/13  
Date

**ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)**

F. Natural Resources Conservation Service

Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

\_\_\_\_\_  
Gayle Norman Berry  
Deputy Chief for Management

\_\_\_\_\_  
Date

**ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)**

G. National Aeronautics and Space Administration

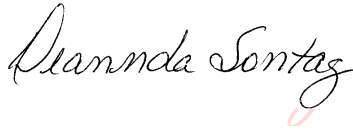
Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

\_\_\_\_\_  
Olga M. Dominguez  
Assistant Administrator for Strategic Architecture

\_\_\_\_\_  
Date

**ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)**

H. U.S. Army Corps of Engineers – Civil Works



Digitally signed by  
SONTAG.DEANNDAS.1230791909  
DN: c=US, o=U.S. Government, ou=DoD,  
ou=PKI, ou=USA,  
cn=SONTAG.DEANNDAS.1230791909  
Date: 2013.08.21 14:54:41 -05'00'

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Deanna Sontag  
Grants Officer

21 Aug 2013

Date

**ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)**

I. Department of Defense, Office of the Deputy Under Secretary of Defense  
(Installations and Environment)

**ROBICHEAUX.TRA**  
**CI.D.1260353990**

Digitally signed by  
ROBICHEAUX.TRACI.D.1260353990  
DN: c=US, o=U.S. Government, ou=DoD, ou=PKI,  
ou=USA, cn=ROBICHEAUX.TRACI.D.1260353990  
Date: 2013.09.06 16:30:19 -05'00'

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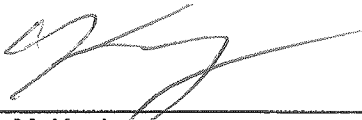
Traci Robicheaux  
Grants Officer  
Representing ODUSD (I&E)

6 Sep 2013  
Date

T

**ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)**

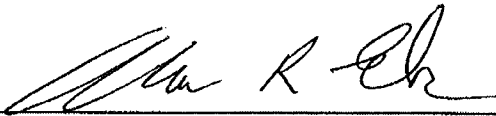
J. University of Minnesota



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Kevin McKoskey  
Senior Grants Manager  
Office of Sponsored Projects Administration

8/12/13  
Date



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Alan Ek  
Head, Department of Forest Resources and  
Acting Director, Great Lakes-Northern Forest CESU

8/10/13  
Date

**ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)**

K. Fond du Lac Tribal and Community College

This partner is inactive.

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Larry Anderson  
President

---

Date



**ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)**

L. Indiana University

Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

\_\_\_\_\_  
Stephen A. Wolter  
Executive Director, Eppley Institute for Parks and Public Lands

\_\_\_\_\_  
Date

\_\_\_\_\_  
Teresa Miller  
Manager Grant Services

\_\_\_\_\_  
Date

**ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)**

M. Michigan State University

Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

\_\_\_\_\_  
Daniel T. Evon  
Director, Contract and Grant Administration

\_\_\_\_\_  
Date

**ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)**

N. Michigan Technological University

Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

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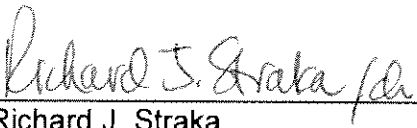
Julie Seppala  
Executive Director, Office of Sponsored Programs


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Date

**ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)**

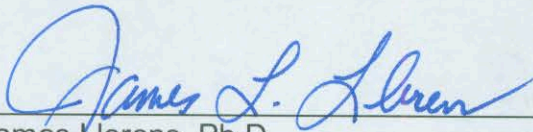
O. Minnesota State University–Mankato

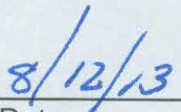
  
\_\_\_\_\_  
Richard J. Straka  
Vice President for Finance and Administration

  
\_\_\_\_\_  
Date

**ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)**

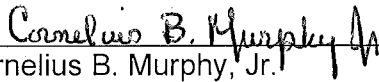
P. Southern University and A&M College

  
\_\_\_\_\_  
James Llorens, Ph.D.  
Chancellor

  
\_\_\_\_\_  
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

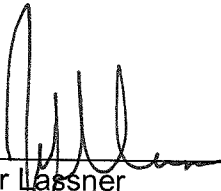
Q. SUNY-College of Environmental Science and Forestry

  
\_\_\_\_\_  
Cornelius B. Murphy, Jr.  
President

9/12/13  
Date

**ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)**

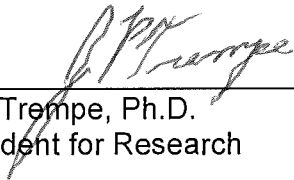
R. University of Iowa

  
\_\_\_\_\_  
Jennifer Lassner  
Interim Director  
Division of Sponsored Programs

8/26/13  
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

S. University of Toledo

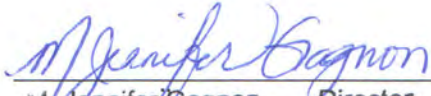
  
\_\_\_\_\_  
James P. Trempe, Ph.D.  
Vice President for Research

8/9/13  
Date



ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

T. University of Vermont and State Agricultural College

  
\_\_\_\_\_  
M. Jennifer Gagnon, Director  
Sponsored Project Administration

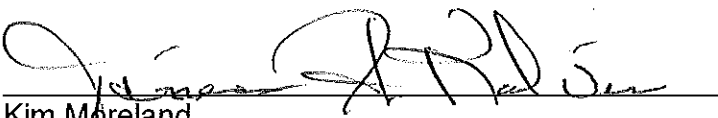
AUG 12 2013  
\_\_\_\_\_  
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

U. University of Wisconsin-Madison

AUG 19 2013

\_\_\_\_\_  
Date

*for:*   
\_\_\_\_\_  
Kim Moreland  
Director, Research and Sponsored Programs

Janice H. Calvin, Admin. Officer  
Research & Sponsored Programs

**ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)**

V. West Virginia University

Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

\_\_\_\_\_  
Mary Jane Buckland  
Interim Director of Sponsored Programs

\_\_\_\_\_  
Date

**ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)**

W. American Indian Science and Engineering Society

This partner is inactive.

\_\_\_\_\_  
Name:  
Title:

\_\_\_\_\_  
Date

**ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)**

X. Great Lakes Commission

Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

\_\_\_\_\_  
Name:  
Title:

\_\_\_\_\_  
Date

**ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)**

Y. Great Lakes Forest Alliance

Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

\_\_\_\_\_  
Michael Prouty  
Executive Director:

\_\_\_\_\_  
Date

**ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)**

Z. Minnesota Department of Natural Resources

Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

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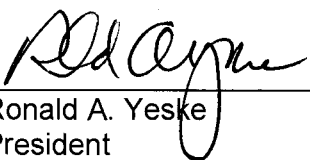
Dave Schad  
Deputy Commissioner

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Date

**ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)**

AA. National Council for Air and Stream Improvement, Inc.

  
\_\_\_\_\_  
Ronald A. Yeske  
President

Aug 9, 2013  
Date



**ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)**

BB. The Nature Conservancy

  
\_\_\_\_\_  
Rob McKim  
Central US Regional Director

9.9.13  
Date

**ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)**

CC. Science Museum of Minnesota

Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

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Eric J. Jolly  
President

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Date

**ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)**

DD. Cleveland State University

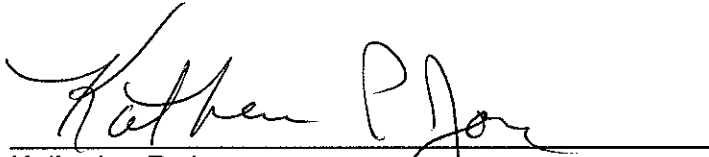
Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

\_\_\_\_\_  
Craig M. Zullig  
Director, Office of Sponsored Programs and Research

\_\_\_\_\_  
Date

**ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)**

EE. University of Wisconsin–Stevens Point

  
\_\_\_\_\_  
Katherine P. Jore  
Associate Vice Chancellor for Personnel, Budget and Grants

  
\_\_\_\_\_  
Date

**ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)**

FF. Northern Michigan University

Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

\_\_\_\_\_  
Brian Cherry  
Associate Provost for Graduate Education and Research

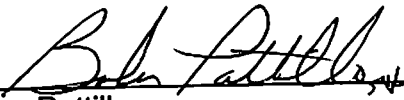
\_\_\_\_\_  
Date

\_\_\_\_\_  
Name: R. Gavin Leach  
Vice President for Finance and Administration

\_\_\_\_\_  
Date

**ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)**

GG. Stephen F. Austin State University

  
\_\_\_\_\_  
Baker Pattillo  
President

8-14-13  
Date

**ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)**

HH. University of Wisconsin–La Crosse

Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

\_\_\_\_\_  
Robert H. Hoar  
Interim Associate Vice Chancellor for Academic Affairs

\_\_\_\_\_  
Date

**ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)**

II. Antioch University New England

Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.


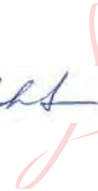
\_\_\_\_\_  
David A. Caruso, Ph.D.  
President

\_\_\_\_\_  
Date



**ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)**

JJ. Cornell University

Digitally signed by Christine M.  
Ashdown  
DN: cn=Christine M. Ashdown,  
o=Cornell University, ou=Office of  
Sponsored Programs,  
email=cma20@cornell.edu, c=US  
Date: 2013.08.12 17:44:49 -04'00'

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Christine M. Ashdown  
Senior Grant & Contract Officer, Office of Sponsored Programs

08/12/13

---

Date

**ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)**

KK. Indiana State University

Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

\_\_\_\_\_  
[Print Name]  
[Print Title]


\_\_\_\_\_  
Date

**ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)**

LL. Purdue University

  
\_\_\_\_\_  
Beth Siple  
Ag Sponsored Program Service

8/31/13  
Date

  
**Jenny McDaniel**  
Contract Analyst

**ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)**

MM. University of Notre Dame



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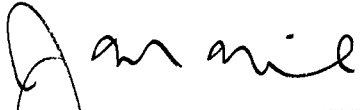
**Greg Luttrell**  
**Director, Research Contracts & Awards**

---

**9 August 2013**  
**Date**

**ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)**

NN. Ball State University



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Justin M. Miller  
Director, Sponsored Programs Office

8/12/13

---

Date

**ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)**

OO. Grand Valley State University



\_\_\_\_\_  
Christine C. Chamberlain  
Director, Office of Sponsored Programs



\_\_\_\_\_  
Date

**ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)**

PP. Hamline University

Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

\_\_\_\_\_  
Eric R. Jensen  
Provost

\_\_\_\_\_  
Date

**ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)**

QQ. Midwest Art Conservation Center

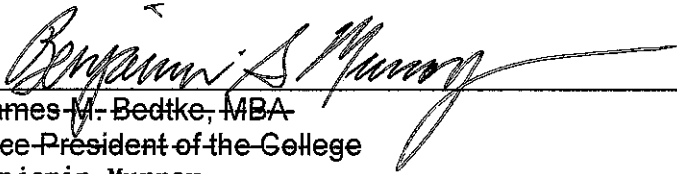
  
\_\_\_\_\_  
Colin D. Turner  
Executive Director

9/9/2013  
Date



ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

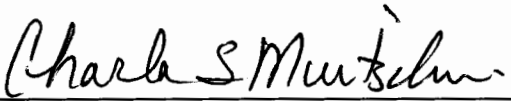
RR. St. Mary's University of Minnesota

  
~~James M. Bedtke, MBA~~  
~~Vice President of the College~~  
Benjamin Murray  
Vice President for Financial Affairs

8-12-2013  
Date

**ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)**

SS. Winona State University



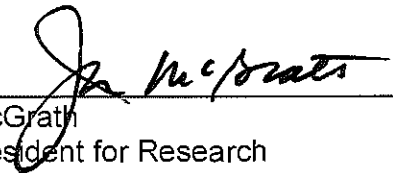
\_\_\_\_\_  
Charla S. Miertschin  
Dean, College of Science and Engineering

8/29/13

\_\_\_\_\_  
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

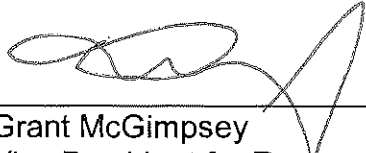
TT. Central Michigan University

  
\_\_\_\_\_  
John McGrath  
Vice President for Research

8/14/13  
Date

**ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)**

UU. Kent State University



\_\_\_\_\_  
Grant McGimpsey  
Vice President for Research and Sponsored Programs

8/20/13  
\_\_\_\_\_  
Date

**ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)**

VV. The Ohio State University

*Kim C. Carter*

\_\_\_\_\_  
Kim C. Carter  
[print title]

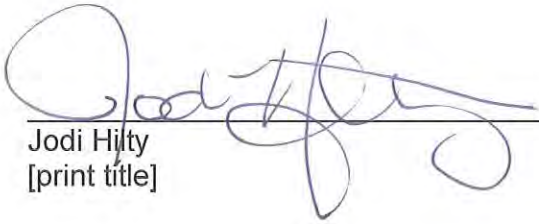
*8/15/13*

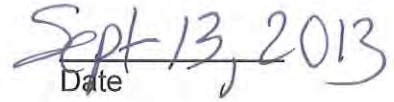
\_\_\_\_\_  
Date

Kim C. Carter  
Associate Director  
Office of Sponsored Programs

**ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)**

WW. Wildlife Conservation Society

  
\_\_\_\_\_  
Jodi Hilty  
[print title]

  
\_\_\_\_\_  
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

XX. Chicago Botanic Garden




[print name]  
[print title]

6 Aug 2013  
Date

Gregory M. Mueller  
Vice President of Science  
Chicago Botanic Garden

**ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)**

**YY. Northland College**

  
\_\_\_\_\_  
[print name]  
[print title]  
**Robert Jackson  
Vice President of Finance  
and Administration  
Northland College**

08/06/13  
Date



ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

ZZ. Northern Illinois University



Dara C. Little  
Director, Office of Sponsored Projects



Date