

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

**AMENDMENT FOUR 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  
Chicago Botanic Garden  
Northland College  
Northern Illinois University  
George Wright Society**

**Adding:**

**The Research Foundation for SUNY at The College at Brockport**

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.4. The Research Foundation for SUNY at The College at Brockport is 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.45. The technical representative for The Research Foundation for SUNY at The College at Brockport is:

Jacques Rinchar  
Associate Professor  
Department of Environmental Science and Biology  
350 New Campus Drive, 115 Lennon Hall  
Brockport, NY 14420  
Phone: (585) 395-5157  
[jrinchar@brockport.edu](mailto:jrinchar@brockport.edu)

The administrative representative is:

Laura Merkl  
Contract and Grant Administrator  
The Research Foundation for SUNY at The College at Brockport  
350 New Campus Drive, 520 Allen Administration Building  
Brockport, NY 14420  
Phone: (585) 395-2444  
[lmerkl@brockport.edu](mailto:lmerkl@brockport.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
- AAA. George Wright Society
- BBB. The Research Foundation for SUNY at The College at Brockport**

**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 Ruhs  
State Director, Eastern States


\_\_\_\_\_  
Date

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

\_\_\_\_\_  
Date

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

B. U.S. Geological Survey



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Sherri Ly Bredesen  
Contracting Officer

06/02/15  
Date

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

C. National Park 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.

\_\_\_\_\_  
Catherine Schroeder  
Grants and Assistance Officer

\_\_\_\_\_  
Date



## ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

D. U.S. Fish and Wildlife Service

**John Stokes** Digitally signed by John Stokes  
DN: cn=John Stokes, o=USFWS, ou=Contracting and  
Facilities Management, email=john\_stokes@fws.gov, c=US  
Date: 2015.05.27 12:02:22 -0500

May 27, 2015

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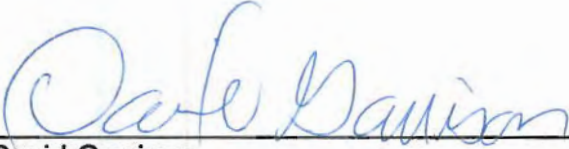
John Stokes  
Chief of Contracting & Facilities Management, Region 3

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Date

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

E. U.S. Forest Service



**David Garrison**  
**Grants and Agreements Specialist**  
**Northern Research Station**

5/28/15  
**Date**

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

F. Natural Resources Conservation Service

*Gayle M. Barry*  
\_\_\_\_\_  
For *Acting CPRO*  
Gayle M. Barry  
Deputy Chief for Management

*6/22/2015*  
\_\_\_\_\_  
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

**MCGUFFIE.JERI.H**  
**.1230779046**

Digitally signed by MCGUFFIE.JERI.H.1230779046  
DN: c=US, o=U.S. Government, ou=DoD, ou=PKI,  
ou=USA, cn=MCGUFFIE.JERI.H.1230779046  
Date: 2015.06.25 15:10:02 -05'00'

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Jeri McGuffie  
Grants Officer

25 Jun 2015

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Date

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

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

**ROBICHEAUX.TRACI.D.12603  
53990**

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: 2015.07.08 11:24:19 -05'00'

\_\_\_\_\_  
Traci Robicheaux  
Grants Officer  
Representing ODUSD (I&E)

\_\_\_\_\_  
Date

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

J. University of Minnesota

**Kevin  
McKoskey**

Digitally signed by Kevin  
McKoskey  
DN: cn=Kevin McKoskey,  
o=University of Minnesota,  
ou=Sponsored Projects,  
email=kevin@umn.edu, c=US  
Date: 2015.07.17 10:56:32 -05'00'

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Kevin McKoskey  
Senior Grants Manager  
Office of Sponsored Projects Administration

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Date



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

JULY 10, 2015  
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

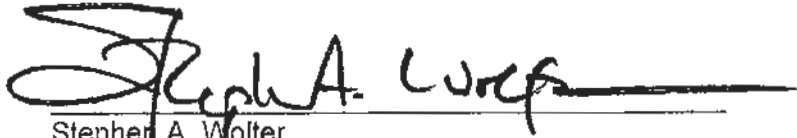
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Date



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

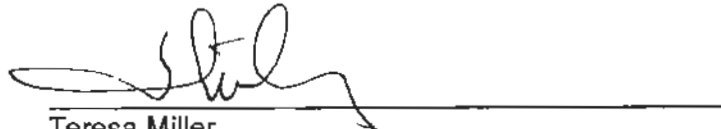
L. Indiana University



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

7/1/2015

Date



Teresa Miller  
Manager Grant Services

7-1-2015

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.

---

Diane Cox  
Manager, Office of Sponsored Programs

---

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

N. Michigan Technological University

  
\_\_\_\_\_  
Julie Seppala  
Executive Director, Office of Sponsored Programs

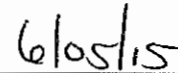
  
\_\_\_\_\_  
Date

**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

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.

\_\_\_\_\_  
Flandus McClinton, Jr.  
Acting Chancellor

\_\_\_\_\_  
Date

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

Q. SUNY–College of Environmental Science and Forestry

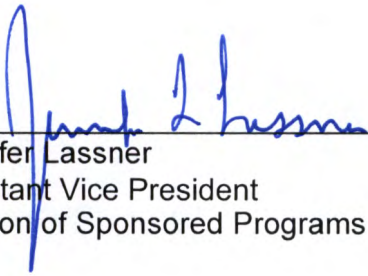
Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

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

\_\_\_\_\_  
Date

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

R. University of Iowa

  
\_\_\_\_\_  
Jennifer Lassner  
Assistant Vice President  
Division of Sponsored Programs

6/18/15  
Date

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

S. University of Toledo

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.

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

\_\_\_\_\_  
Date



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

T. University of Vermont and State Agricultural College



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M. Jennifer Gagnon  
Sponsored Project Administration

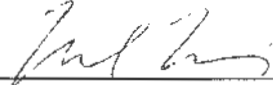
06/02/2015

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Date

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

U. University of Wisconsin–Madison



*for* \_\_\_\_\_  
Kurt McMillen, Managing Officer  
Research and Sponsored Programs

6/3/15  
Date

**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.

\_\_\_\_\_  
Dave Schad  
Deputy Commissioner

\_\_\_\_\_  
Date

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

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

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.

---

Ronald A. Yeske  
President

---

Date



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

BB. The Nature Conservancy

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.

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

\_\_\_\_\_  
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.

\_\_\_\_\_  
Eric J. Jolly  
President

\_\_\_\_\_  
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

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.

\_\_\_\_\_  
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

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.

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

\_\_\_\_\_  
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: 2015.06.26 16:16:27 -04'00'

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

6/26/15

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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



\_\_\_\_\_  
Date

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

MM. University of Notre Dame



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Greg Luttrell  
Director, Research Contracts and Awards

4 June 2015

Date

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

NN. Ball 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.

\_\_\_\_\_  
Justin M. Miller  
Director, Sponsored Programs Office

\_\_\_\_\_  
Date

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

OO. Grand Valley 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.


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

\_\_\_\_\_  
Date

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

**PP. Hamline University**

  
\_\_\_\_\_  
**Dr. Eric R. Jensen**  
**Provost**

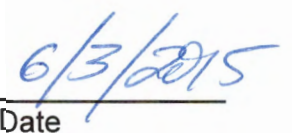
  
\_\_\_\_\_  
**Date**

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

QQ. Midwest Art Conservation Center



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



\_\_\_\_\_  
Date



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

RR. St. Mary's University 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.

\_\_\_\_\_  
Benjamin Murray  
Vice President for Financial Affairs

\_\_\_\_\_  
Date

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

SS. Winona State University




Charla S. Miertschin  
Dean, College of Science and Engineering

July 5, 2015

Date

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

TT. Central Michigan University

	
<hr/>	<hr/>
<del>John McGrath</del> Ian R. Davison	6-3-15
<del>Vice President for Research</del> Interim Vice Provost for Research and Graduate Studies	Date

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

UU. Kent State University

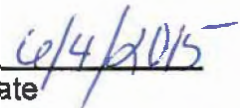
  
\_\_\_\_\_  
Grant McGimpsey  
Vice President for Research and Sponsored Programs

6/9/15  
Date

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

W. The Ohio State University

  
\_\_\_\_\_  
Kim C. Carter  
Associate Director, Office of Sponsored Programs  
Kristy A. Baker, CRA  
Director, Office for  
Business & Industry Contracts

  
\_\_\_\_\_  
Date

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

WW. Wildlife Conservation Society

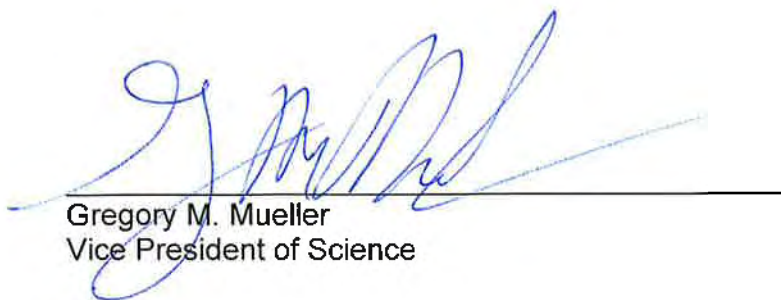
Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

\_\_\_\_\_  
Jodi Hilty  
Director of North American Conservation Programs

\_\_\_\_\_  
Date

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

XX. Chicago Botanic Garden



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Gregory M. Mueller  
Vice President of Science

5 June 2015  
Date

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

YY. Northland College

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 Jackson  
Vice President of Finance and Administration

\_\_\_\_\_  
Date



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

ZZ. Northern Illinois University



\_\_\_\_\_  
Dara C. Little  
Director, Office of Sponsored Projects



\_\_\_\_\_  
Date

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

AAA. George Wright Society

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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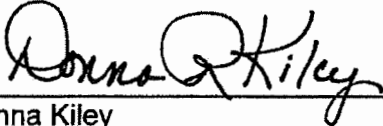
David Harmon  
Executive Director

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Date

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

**BBB. The Research Foundation for SUNY at The College at Brockport**



\_\_\_\_\_  
Donna Kiley  
Associate Director Office of Contracts and Grants

*May 26, 2015*  
\_\_\_\_\_  
Date