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. 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

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 Massachusetts–Amherst
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
International Association for Great Lakes Research
ARTICLE I. BACKGROUND AND OBJECTIVES

A.1. The U.S. Fish and Wildlife Service is hereby included in the Great Lakes-Northern Forest Cooperative Ecosystem Studies Unit as a Federal Agency Partner under agreement #H6000082000.

A.2. The U.S. Department of Defense, Office of the Deputy Under Secretary of Defense (Installations and Environment) is hereby included in the Great Lakes-Northern Forest Cooperative Ecosystem Studies Unit as a Federal Agency Partner under agreement #W9126G-11-2-0001.

M. The U.S. Fish and Wildlife Service (hereinafter called USFWS) working with others, is responsible for conserving, protecting, and enhancing fish, wildlife, plants and their habitats for the continuing benefit of the American people through Federal programs related to migratory birds, endangered species, interjurisdictional fish and marine mammals, and inland sport fisheries. In accordance with the Fish and Wildlife Act of 1956 (16 USC 742f), the USFWS is authorized to enter into this
cooperative agreement to continue the Great Lakes-Northern Forest CESU to assist in providing research, technical assistance, and education.

N. The Department of Defense (hereinafter called DoD) manages nearly 30 million acres of land, and the natural and cultural resources found there, and for this agreement includes the Office of the Secretary of Defense, the Military Services, the Defense Logistics Agency, the National Guard Bureaus, and the Military Reserve Components. The DoD's primary mission is national defense. The DoD's conservation program supports this mission by ensuring realistic training areas, and managing its resources in ways that maximize available land, air, and water training opportunities. DoD environmental stewardship activities are authorized under the Sikes Act, as amended. In accordance with one or more of the following: 16 USC 670c-1, 10 USC 2358, 10 U.S.C 2694, 10 USC 2684, and P.L. 103-139 (FY 94 NDAA page 107 Stat. 1422) DoD is authorized to enter into this cooperative agreement continuing the Great Lakes-Northern Forest CESU to assist in providing research, technical assistance and education.

ARTICLE II. STATEMENT OF WORK

D.6.a. Also, in accordance with 32 CFR Parts 21, 22, 32, 33, and 34 (Department of Defense).

ARTICLE III. TERMS OF AGREEMENT

A.1. The effective date of the Great Lakes-Northern Forest CESU Cooperative and Joint Venture Agreement is 02 August 2007.

A.3. 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

A.8. The technical representative for the U.S. Fish and Wildlife Service is:

Craig A. Czarnecki
U.S. Fish and Wildlife Service
East Lansing Field Office
2651 Coolidge Road, Suite 101
East Lansing, MI 48823
Phone: (517) 351-8470
Fax: (517) 351-1443
Craig_Czarnecki@fws.gov
A.9. The technical representative for the Department of Defense, Office of the Deputy Under Secretary of Defense (Installations and Environment) is:

Alan B. Anderson  
U.S. Army Engineer Research and Development Center (ERDC)  
Construction Engineering Research Laboratory (CERL)  
2902 Farber Drive  
Champaign, IL 61822  
Phone: (217) 352-6511, Ext 6390  
Phone: 800/USACERL, Ext 6390  
Fax: (217) 373-7266  
alan.b.anderson@erdc.usace.army.mil

Administrative Representative:

Joyce Roberts, Contract Specialist  
Vicksburg Consolidated Contracting Office  
CEMVK-CT-TC/J. Roberts  
P.O. Box 9005  
Champaign, IL 61826-9005  
Phone: (217) 373-4479, or 800/USACERL, Ext. 4479  
Fax: (217) 373-6773  
Joyce.I.Roberts@erdc.usace.army.mil

ARTICLE V. AWARD

A.1. Upon signature of all parties to this amendment, USFWS will commit $10,000 in funds to the Great Lakes-Northern Forest CESU Host University in furtherance of the Agreement, to be authorized by a modification issued against the Agreement.

A.2. Upon signature of all parties to this amendment, DoD will commit $10,000 in funds to the Great Lakes-Northern Forest CESU Host University in furtherance of the Agreement, to be authorized by a modification issued against the Agreement.

A.3. Also, in accordance with 32 CFR Parts 21, 22, 32, 33, and 34 (Department of Defense) and DoD 3210.6-R, Department of Defense Grant and Agreement Regulations (Department of Defense).

ARTICLE VI. PRIOR APPROVAL

A.1. Also, in accordance with 32 CFR Parts 21, 22, 32, 33, and 34 (Department of Defense) and DoD 3210.6-R, Department of Defense Grant and Agreement Regulations (Department of Defense).
ARTICLE VII. REPORTS AND/OR DELIVERABLES

A.1. Also, in accordance with 32 CFR Parts 21, 21, 32, 33, and 34 (Department of Defense) and DoD 3210.6-R, Department of Defense Grant and Agreement Regulations (Department of Defense).

ARTICLE VIII. PROPERTY UTILIZATION AND DISPOSITION

A.1. Also, in accordance with 32 CFR Parts 21, 21, 32, 33, and 34 (Department of Defense) and DoD 3210.6-R, Department of Defense Grant and Agreement Regulations (Department of Defense).

ARTICLE IX. TERMINATION

A.2. Also, in accordance with 32 CFR Parts 21, 21, 32, 33, and 34 (Department of Defense) and DoD 3210.6-R, Department of Defense Grant and Agreement Regulations (Department of Defense).

ARTICLE X. REQUIRED/SPECIAL PROVISIONS

7. TRAFFICKING VICTIM PROTECTION:

This Agreement and its subsequent modifications and task agreements are subject to requirements of section 106(g) of the Trafficking Victims Protection Act of 2000, as amended (22 USC 7104); now located at 2 CFR Part 175:

Trafficking in Persons.

(a) Provisions applicable to a recipient that is a private entity.

(1) You as the recipient, your employees, subrecipients under this award, and subrecipients’ employees may not—
   i. Engage in severe forms of trafficking in persons during the period of time that the award is in effect;
   ii. Procure a commercial sex act during the period of time that the award is in effect; or
   iii. Use forced labor in the performance of the award or subawards under the award.

(2) We as the Federal awarding agency may unilaterally terminate this award, without penalty, if you or a subrecipient that is a private entity --
i. Is determined to have violated a prohibition in paragraph (a)(1) of this award term; or

ii. Has an employee who is determined by the agency official authorized to terminate the award to have violated a prohibition in paragraph (a)(1) of this award term through conduct that is either—
   a. Associated with performance under this award; or
   b. Imputed to you or the subrecipient using the standards and due process for imputing the conduct of an individual to an organization that are provided in 2 CFR Part 180, “OMB Guidelines to Agencies on Governmentwide Debarment and Suspension (Nonprocurement),” as implemented by each respective federal agency partner at: 2 CFR Part 1125 (Department of Defense), 2 CFR Part 1326 (Department of Commerce), 2 CFR 1400 (Department of the Interior), 2 CFR Part 1880 (NASA), 7 CFR Part 3017 (Department of Agriculture).

(b) Provision applicable to a recipient other than a private entity. We as the Federal awarding agency may unilaterally terminate this award, without penalty, if a subrecipient that is a private entity—

(1) Is determined to have violated an applicable prohibition in paragraph (a)(1) of this award term; or

(2) Has an employee who is determined by the agency official authorized to terminate the award to have violated an applicable prohibition in paragraph (a)(1) of this award term through conduct that is either—
   i. Associated with performance under this award; or
   ii. Imputed to the subrecipient using the standards and due process for imputing the conduct of an individual to an organization that are provided in 2 CFR part 180, “OMB Guidelines to Agencies on Governmentwide Debarment and Suspension (Nonprocurement),” as implemented by each respective federal agency partner at: 2 CFR Part 1125 (Department of Defense), 2 CFR Part 1326 (Department of Commerce), 2 CFR 1400 (Department of the Interior), 2 CFR Part 1880 (NASA), 7 CFR Part 3017 (Department of Agriculture).

(c) Provisions applicable to any recipient.

(1) You must inform us immediately of any information you receive from any source alleging a violation of a prohibition in paragraph (a)(1) of this award term.

(2) Our right to terminate unilaterally that is described in paragraph (a)(2) or (b) of this section:
   i. Implements section 106(g) of the Trafficking Victims Protection Act of 2000 (TVPA), as amended (22 USC 7104(g)), and
ii. Is in addition to all other remedies for noncompliance that are available to us under this award.

(3) You must include the requirements of paragraph (a)(1) of this award term in any subaward you make to a private entity.

(d) Definitions. For purposes of this award term:

(1) “Employee” means either:
   i. An individual employed by you or a subrecipient who is engaged in the performance of the project or program under this award; or
   ii. Another person engaged in the performance of the project or program under this award and not compensated by you including, but not limited to, a volunteer or individual whose services are contributed by a third party as an in-kind contribution toward cost sharing or matching requirements.

(2) “Forced labor” means labor obtained by any of the following methods: the recruitment, harboring, transportation, provision, or obtaining of a person for labor or services, through the use of force, fraud, or coercion for the purpose of subjection to involuntary servitude, peonage, debt bondage, or slavery.

(3) “Private entity”:
   i. Means any entity other than a State, local government, Indian tribe, or foreign public entity, as those terms are defined in 2 CFR 175.25.
   ii. Includes:
      a. A nonprofit organization, including any nonprofit institution of higher education, hospital, or tribal organization other than one included in the definition of Indian tribe at 2 CFR 175.25(b).
      b. A for-profit organization.

(4) “Severe forms of trafficking in persons,” “commercial sex act,” and “coercion” have the meanings given at section 103 of the TVPA, as amended (22 USC 7102).

8. PROHIBITION ON TEXT MESSAGING AND USING ELECTRONIC EQUIPMENT SUPPLIED BY THE GOVERNMENT WHILE DRIVING (Included pursuant to Department of the Interior Guidance Release – DIG-2010-04)

Executive Order 13513, Federal Leadership on Reducing Text Messaging While Driving, was signed by President Barack Obama on October 1, 2009 (http://edocket.access.gpo.gov/2009/pdf/E9-24203.pdf). This Executive Order introduces a Federal Government-wide prohibition on the use of text messaging while driving on official business or while using Government-supplied equipment. Award recipients shall adopt and enforce policies that immediately ban text
messaging while driving company-owned or-rented vehicles, government-owned or leased vehicles, or while driving privately owned vehicles when on official government business or when performing any work for or on behalf of the government.

9. CENTRAL CONTRACTOR REGISTRATION AND DATA UNIVERSAL NUMBERING SYSTEM (2 CFR Part 25): 2 CFR Part 170 requires each applicant, as well as recipients and their direct subrecipients, other than individuals, that does not have an exception under 2 CFR §25.110, to:

(1) Be registered in the Central Contractor Registration (CCR) database prior to submitting an application or plan;

(2) Maintain an active CCR registration with current information at all times during which it has an active Federal award or an application or plan under consideration by an agency; and

(3) Provide its Dun and Bradstreet Data Universal Numbering System (DUNS) number in each application or plan it submits to the agency.

10. REPORTING SUBAWARDS AND EXECUTIVE COMPENSATION (2 CFR Part 170): 2 CFR Part 170 requires each entity that applies, and does not have an exception under 2 CFR §170.110(b), to ensure they have the necessary processes and systems in place to comply with the reporting requirements of the Federal Funding Accountability and Transparency Act of 2006 (Pub. L. 109–282), as amended by section 6202 of Public Law 110–252, should they receive funding.

ARTICLE XI. DOCUMENTS INCORPORATED BY REFERENCE

The following are to be incorporated into this Agreement:

1. SF-LLL, Disclosure of Lobbying Activities or Grants.gov Lobbying Form certification, identified in the agencies Funding Opportunity Announcement.

2. Specific project award documents will incorporate the required Standard Forms for Application for Financial Assistance:

   SF-424 – Application for Financial Assistance
   SF-424a – Budget for Non-Construction
   SF-424b – Assurances for Non-Construction
   SF-424c – Budget for Construction
   SF-424d – Assurances for Construction

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES

The following authorizing signatures are attached to this amendment:
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 Massachusetts–Amherst
T. University of Toledo
U. University of Vermont and State Agricultural College
V. University of Wisconsin–Madison
W. West Virginia University
X. American Indian Science and Engineering Society
Y. Great Lakes Commission
Z. Great Lakes Forest Alliance
AA. International Association for Great Lakes Research
BB. Minnesota Department of Natural Resources
CC. National Council for Air and Stream Improvement, Inc.
DD. The Nature Conservancy
EE. Science Museum of Minnesota
FF. Cleveland State University
GG. University of Wisconsin–Stevens Point
HH. Northern Michigan University
II. Stephen F. Austin State University
JJ. University of Wisconsin–La Crosse
KK. Antioch University New England
LL. Cornell University
MM. Indiana State University
NN. Purdue University
OO. University of Notre Dame
ARTICLE XIV. AMENDMENT 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                                      Date
State Director, Eastern States

________________________          ____________________
Lisa T. Clayton                                      Date
Grants Management Officer
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

B. U.S. Geological Survey

[Signature]

Sherri Ly Bredesen
Contracting Officer

07/12/11
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

C. National Park Service

[Signature]
Theora McVay
Contracting Officer

7-11-11
Date
E. U.S. Forest Service

David Garrison
Grants and Agreements Specialist
Northern Research Station

8/17/11
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

F. Natural Resources Conservation Service

Eloris D. Speight     Date
Deputy Chief for Management
ARTICLE XIV. AMENDMENT 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.

[Print Name]  [Print Title]  Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

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

Digitally signed by
SONTAG.DEANNDA.S.1230791909
DN: c=US, o=U.S. Government,
ou=DoD, ou=PKI, ou=USA,
cn=SONTAG.DEANNDA.S.1230791909
Date: 2011.07.26 14:57:50 -05'00'

Deannda Sontag
Grants Officer

26 July 2011
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

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

Leslie E. Guy
Grants Officer
Representing ODUSD (I&E)

May 17, 2011
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

J. University of Minnesota

Kevin McKoskey  
Senior Grants Manager  
Office of Sponsored Projects Administration  

Date: 7/28/11

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

Date: 7/28/11
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

K. Fond du Lac Tribal and Community 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.

____________________________  ______________________
Donald R. Day                  Date
President
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

L. Indiana University

Cheri lost the signature page; emailed the university partner asking for another copy.

[Signature]
Stephen A. Wolfe
Executive Director, Eppley Institute for Parks and Public Lands

8-12-2011
Date

[Signature]
Steven A. Miller
Assistant Vice President for Research

[Signature]
Teresa Miller
Grant Services
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

M. Michigan State University

Daniel T. Evon  
Director, Contract and Grant Administration

Date 8/14/2011
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

N. Michigan Technological University

David D. Reed
Vice President for Research

7/27/11
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

O. Minnesota State University–Mankato

Richard J. Straka
Vice President for Finance and Administration

Date
8/10/11
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

P. Southern University and A&M College

[Signature]

James Llorens, Ph.D.
Chancellor

[Signature]

Date: 7/29/11
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

Q. SUNY—College of Environmental Science and Forestry

_________________________  ________________________
Cornelius B. Murphy, Jr.    Date
President

Great Lakes-Northern Forest CESU, Amendment Two, USFWS_DOD
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

R. University of Iowa

[Signature]

Twila Fisher Reighley
Assistant Vice President for Research

8/10/11

Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

S. University of Massachusetts–Amherst

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.

______________________________      ______________________________
Jennifer A. Donais, CRA       Date
Associate Director
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

T. University of Toledo

R. Douglas Wilkerson  
Vice President for Research Administration

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

8/16/11
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

U. University of Vermont and State Agricultural College

Ruth Farrell
Associate Vice President for Research Administration

AUG 11 2011
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

V. University of Wisconsin–Madison

[Signature]

For: Diane Barrett Kim Mavland
Assistant Director, Research and Sponsored Programs
Robert C. Heimstreet
Managing Officer, Pre-Award
Research & Sponsored Programs

August 15, 2001
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

W. West Virginia University

[Signature]
Curt M. Peterson
Interim Vice President for Research & Economic Development

7/27/11
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

X. American Indian Science and Engineering 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.

Dwight A. Gourneau
Director of Professional Development
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

Y. 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.

[Signature]

Thomas R. Crane  Date: 08/11/2011
Deputy Director
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

Z. 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.

__________________________________________  ______________________
Stefan Bergmann  
Executive Director  Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

AA. International Association for Great Lakes Research

[Signature]

Lynda D. Sommers  Robert J. Letcher
President

Aug 15, 2011
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

BB. Minnesota Department of Natural Resources

[Signature]

Date: 7/29/2011

Dave Schad
Deputy Commissioner
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

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

Ronald A. Yeske

Date 8/9/11
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

DD. The Nature Conservancy

Rob McKim
Central US Regional Director

Aug 18, 2010
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

EE. Science Museum of Minnesota

[Signature]
Eric J. Jolly
President

[Date]
2/2/11
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

FF. 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.

__________________________________________  _______________________
Leo W. Jeffres                                  Date
Interim Vice Provost for Research
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

GG. University of Wisconsin–Stevens Point

\[Signature\] 8/8/11

Michael P. Veum    Katherine P. Gore
Associate Vice Chancellor for Personnel,
Budget+Grants and Summer Session

Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

HH. 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.

Cynthia Proven
Associate Provost for Academic Affairs

Date 8-16-2011

R. Gavin Leach
Vice President for Finance and Administration

Date 8-3-11
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

II. Stephen F. Austin State University

Baker Pattillo  
President

Date

8-1-11
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

JJ. University of Wisconsin–La Crosse

Vijendra K. Agarwal  Robert H. Hoar, Interim Associate Vice Chancellor for Academic Affairs

Date  8/18/2011
KK. Antioch University New England

David A. Caruso, Ph.D.
President

Date
7/27/11
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

LL. Cornell University

[Print Name] Christine M. Ashdown
Sr. Grant & Contract Officer
Office of
Sponsored Programs

[Print Title] Sr. Grant & Contract Officer
Office of
Sponsored Programs

8/9/11

Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

MM. 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]
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

NN. Purdue University

Purdue University

[Signature]

Mark Pearson
Sr. Contract Analyst

AUG 17 2011
Date
ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

OO. University of Notre Dame

Michael T. Edwards  
Assistant Vice President / Director, Office of Research  
Liz Rulli  
Associate Vice President for Research

7/27/2011  
Date