

**GULF COAST  
COOPERATIVE ECOSYSTEM STUDIES UNIT**

**AMENDMENT SIX 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  
Bureau of Ocean Energy Management**

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

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

**U.S. DEPARTMENT OF COMMERCE  
National Oceanic and Atmospheric Administration**

**NATIONAL AERONAUTICS AND SPACE ADMINISTRATION**

and

**Texas A&M AgriLife Research, Texas A&M University System (Host)  
Auburn University  
Louisiana State University  
Mississippi State University  
Texas A&M University – Corpus Christi  
Texas A&M University at Galveston  
Texas A&M University at Kingsville  
Troy University  
University of Central Florida  
University of Florida  
University of Georgia Research Foundation, Inc.**

**University of Louisiana at Lafayette  
University of Texas - Austin  
The Nature Conservancy  
Stephen F. Austin State University  
University of New Orleans  
The University of West Florida  
Tarleton State University  
Sul Ross State University  
University of Arkansas at Monticello  
University of Arkansas, Division of Agriculture  
Houston Advanced Research Center (HARC)  
Southern University and A&M College  
Bat Conservation International  
University of Texas at Brownsville  
Florida State University  
University of Arkansas at Pine Bluff  
Texas A&M AgriLife Extension Service  
Valdosta State University  
Dauphin Island Sea Lab  
Columbus State University  
University of South Florida  
University of Texas – Pan American  
University of South Alabama  
Gulf Coast Bird Observatory  
Louisiana State University Agricultural Center  
Lamar University  
Louisiana Department of Wildlife and Fisheries (LDWF)  
The University of Alabama**

**Adding:**

**Tulane University**

With the exception of the changes below, all terms and conditions of the Gulf Coast CESU agreement apply to this Amendment, and this Amendment is hereby made part of the agreement.

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

O.6. Tulane University is hereby included in the Gulf Coast CESU as a Partner Institution.

### **ARTICLE III. TERM OF AGREEMENT**

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

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

C.39. The representative for Tulane University is:

Michael J. Blum, Ph.D.  
627 Lindy Boggs Center  
6823 St. Charles Avenue  
New Orleans, LA 70118  
Phone: (504) 862-8295  
Fax: (504) 862-8706  
mjblum@tulane.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
- E. Bureau of Ocean Energy Management

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

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

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

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

#### **U.S. DEPARTMENT OF COMMERCE**

- J. National Oceanic and Atmospheric Administration
- K. National Aeronautics and Space Administration

- L. Texas A&M AgriLife Research (Host)
- M. Auburn University
- N. Louisiana State University
- O. Mississippi State University
- P. Texas A&M University – Corpus Christi
- Q. Texas A&M University at Galveston
- R. Texas A&M University at Kingsville
- S. Troy University
- T. University of Central Florida
- U. University of Florida
- V. University of Georgia Research Foundation, Inc.
- W. University of Louisiana at Lafayette
- X. University of Texas - Austin
- Y. The Nature Conservancy
- Z. Stephen F. Austin State University
- AA. University of New Orleans
- BB. The University of West Florida
- CC. Tarleton State University
- DD. Sul Ross State University
- EE. University of Arkansas at Monticello
- FF. University of Arkansas, Division of Agriculture
- GG. Houston Advanced Research Center (HARC)
- HH. Southern University and A&M College
- II. Bat Conservation International
- JJ. University of Texas at Brownsville
- KK. Florida State University
- LL. University of Arkansas at Pine Bluff
- MM. Texas A&M AgriLife Extension Service
- NN. Valdosta State University
- OO. Dauphin Island Sea Lab
- PP. Columbus State University
- QQ. University of South Florida
- RR. University of Texas – Pan American
- SS. University of South Alabama
- TT. Gulf Coast Bird Observatory
- UU. Louisiana State University Agricultural Center
- VV. Lamar University
- WW. Louisiana Department of Wildlife and Fisheries (LDWF)
- XX. The University of Alabama
- YY. Tulane 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 Ruhs  
State Director, Eastern States


\_\_\_\_\_  
Date

\_\_\_\_\_  
Lisa Clayton  
Grants Management Officer

\_\_\_\_\_  
Date

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

**B. U.S. Geological Survey**



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Sherri Ly Bredeesen  
Contracting Officer

10/20/14  
Date

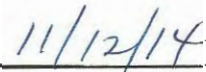
**ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)**

**C. National Park Service**

  
\_\_\_\_\_  
Stanley Austin  
Regional Director

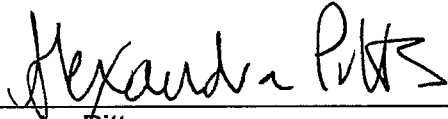
  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Rose M. McClelland  
Contracting Officer

  
\_\_\_\_\_  
Date

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

**D. U.S. Fish and Wildlife Service**



Alexandra Pitts  
Deputy Regional Director


10.23.14

Date



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

**E. Bureau of Ocean Energy Management**



Rodney Cluck  
Chief, Division of Environmental Sciences

10/20/2014  
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

F. U.S. Forest Service

Robert L. Doudrick

Robert L. Doudrick  
Station Director

10/17/2014

Date

The authority and format of this instrument has been reviewed and approved for award.

Joyce M. Gorgas

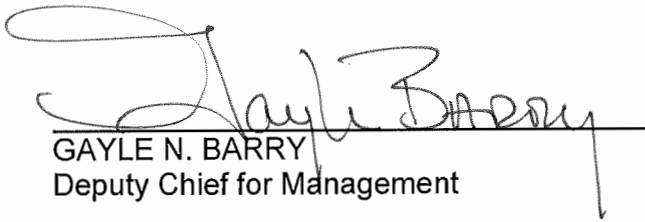
Joyce M. Gorgas  
Lead Grants Management Specialist

10-17-2014

Date

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

**G. Natural Resources Conservation Service**



GAYLE N. BARRY  
Deputy Chief for Management

11/14/2014.  
Date

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

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

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.

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

\_\_\_\_\_  
Date

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

**I. 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: 2014.10.27 11:00:56 -05'00'

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Deanna Sontag  
Grants Officer

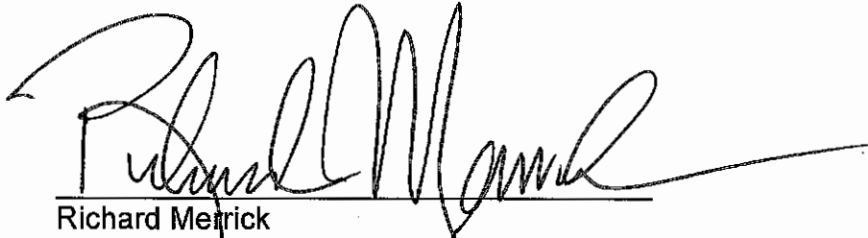
27 Oct 2014

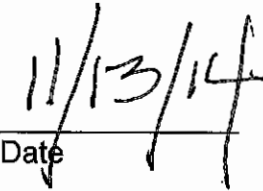
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Date

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

**J. National Oceanic and Atmospheric Administration**

  
\_\_\_\_\_  
Richard Merrick  
Director of Scientific Programs & Chief Science Advisor  
National Oceanic and Atmospheric Administration CESU Lead

  
\_\_\_\_\_  
Date

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

**K. 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 Infrastructure

\_\_\_\_\_  
date

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

**L. Texas A&M AgriLife Research (Host)**



Craig L. Nessler  
Director

10/24/2014  
Date



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

**M. Auburn University**



Gene Taylor  
Associate Director  
Office of Sponsored Programs


John M. Mason  
Vice President for Research  
and Economic Development

*for*

*11/10/14*  
Date

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

**N. Louisiana State University**

  
\_\_\_\_\_  
Winona L. Ward  
Executive Director, Sponsored Programs

10/23/14  
Date

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

**O. Mississippi State University**

  
\_\_\_\_\_  
Jennifer Easley  
Director of Sponsored Programs Administration

  
\_\_\_\_\_  
Date

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

**P. Texas A&M University – Corpus Christi**

*Luis A. Cifuentes*

Dr. Luis A. Cifuentes  
Vice President of Research, Commercialization & Outreach

*10 NOV 2014*

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

Q. Texas A&M University on behalf of Texas A&M University at Galveston



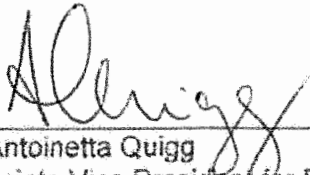
Katherine Kissman  
Director - Contracts & Grants

54

10.30.14

Date

Recommended for Approval:



Dr. Antoinetta Quigg  
Associate Vice President for Research and Graduate Studies  
Texas A&M University at Galveston

10/27/2014

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

R. Texas A&M University at Kingsville




\_\_\_\_\_  
Dr. Rebecca A. Davis  
Executive Director, ORSP

10-21-14

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

S. Troy University

  
\_\_\_\_\_  
Jack Hawkins, Jr., PhD  
Chancellor

10-22-14  
\_\_\_\_\_  
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

T. University of Central Florida

Tamara E. Gabrus  
Tamara E. Gabrus  
Sr. Contract Manager

Date 10/28/2014.

Approved as to Form and Legality  
SJS, 10/27/2014 Y



ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

U. University of Florida



---

Brian Prindle  
Associate Director of Research


10/21/14

---

Date

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

**V. University of Georgia Research Foundation, Inc.**

  
\_\_\_\_\_  
Jacob Maas  
Senior Grants Officer

10/27/2014  
\_\_\_\_\_  
Date

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

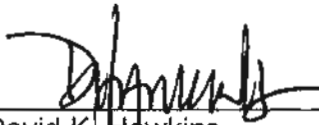
**W. University of Louisiana at Lafayette**

  
James Henderson  
Provost & Vice President for Academic Affairs

  
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

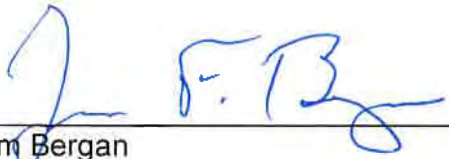
X. University of Texas – Austin

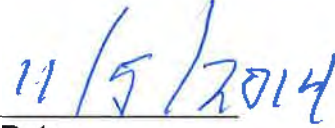
  
\_\_\_\_\_  
David K. Hawkins  
Associate Director  
Office of Sponsored Projects

10.21.14  
\_\_\_\_\_  
Date

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

**Y. The Nature Conservancy**

  
\_\_\_\_\_  
Jim Bergan  
Director of Freshwater and Wetland Conservation

  
\_\_\_\_\_  
Date

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

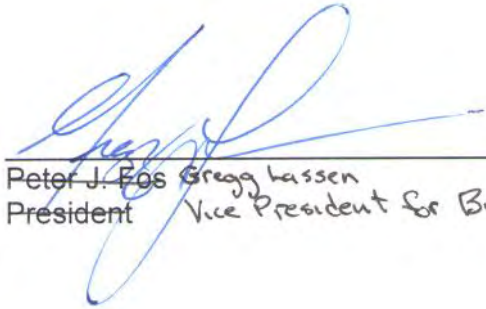
**Z. Stephen F. Austin State University**

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

10-23-14  
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

AA. University of New Orleans

  
\_\_\_\_\_  
Peter J. Fos  
President

Gregg Hassen  
Vice President for Business Affairs

10/29/14  
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

BB. The University of West Florida



Richard S. Podemski, PhD  
Associate Vice President for Research



Date

Approved for form and legality.



Office of University Counsel



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

**CC. Tarleton State University**

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*F. Dominic Dottavio*  
\_\_\_\_\_  
- president@tarleton.edu  
F. Dominic Dottavio  
President

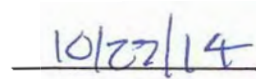
**10/21/2014**  
\_\_\_\_\_  
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

DD. Sul Ross State University

  
\_\_\_\_\_  
Bill Kibler

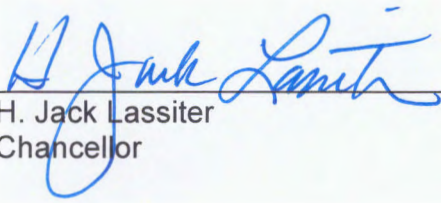
President

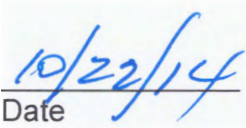
  
\_\_\_\_\_  
Date

Date

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

**EE. University of Arkansas at Monticello**

  
\_\_\_\_\_  
H. Jack Lassiter  
Chancellor

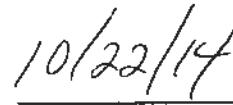
  
\_\_\_\_\_  
Date

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

**FF.University of Arkansas, Division of Agriculture**

Handwritten signature of Clarence Watson in cursive script.

\_\_\_\_\_  
Clarence Watson  
Associate VP for Agriculture

Handwritten date 10/22/14 in cursive script.

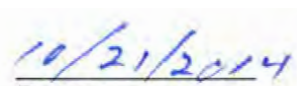
\_\_\_\_\_  
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

GG. Houston Advanced Research Center (HARC)

A handwritten signature in blue ink, appearing to read "L. James Lester", written over a horizontal line.

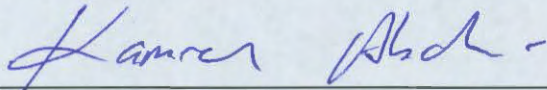
L. James Lester  
President

A handwritten date in blue ink, "10/21/2014", written over a horizontal line.

Date

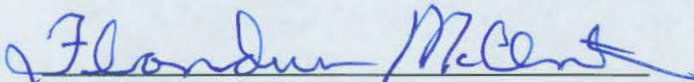
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

HH. Southern University and A&M College



Kamran Abdollahi, Ph.D.  
Program Leader and Graduate Director  
Urban Forestry

10/24/14  
Date



Mr. Flandus McClinton, Jr.  
Acting Chancellor

10/30/14  
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

II. Bat Conservation International

  
Mylea Bayless  
Director Conservation

10/27/2014  
Date

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

**JJ. University of Texas at Brownsville**

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.\_\_\_\_\_


Alan F.J. Artibise, Ph.D.  
Provost & Vice President for Academic Affairs


\_\_\_\_\_  
Date



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

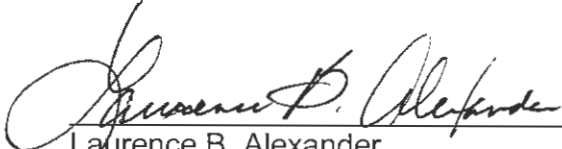
**KK. Florida State University**

  
\_\_\_\_\_  
Gary K. Ostrander  
Vice President for Research

  
\_\_\_\_\_  
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

LL.University of Arkansas at Pine Bluff

  
\_\_\_\_\_  
Laurence B. Alexander  
Chancellor

11-12-19  
Date

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


**MM. Texas AgriLife Extension Service**

  
\_\_\_\_\_  
Douglas L. Steele  
Director

10/23/14  
Date

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

**NN. Valdosta State University**

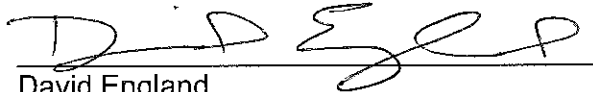
  
\_\_\_\_\_  
William J. McKinney, Ph.D  
President

10/29/14  
Date



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

**OO. Dauphin Island Sea Lab**

A handwritten signature in black ink, appearing to read 'D England', written over a horizontal line.

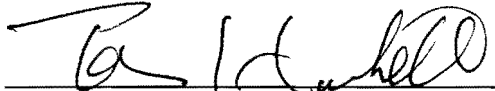
David England  
Director of Finance and Administration

A handwritten date '11/10/14' written in black ink above a horizontal line.

Date

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


**PP. Columbus State University**

  
\_\_\_\_\_  
Dr. Paul Thomas Hackett  
Provost/VPAA

10/21/14  
Date

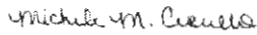
ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

QQ. University of South Florida Board of Trustees, a public body corporate

  
\_\_\_\_\_  
Paul R. Sanberg, Ph.D., D.Sc.  
Senior Vice President  
Research & Innovation

10/23/14  
\_\_\_\_\_  
Date

APPROVED AS TO FORM AND LEGAL SUFFICIENCY

  
Michele Conita, JD  
Associate General Counsel - University of South Florida

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

**RR. University of Texas – Pan American**

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.

\_\_\_\_\_  
Martin V. Baylor  
Vice President for Business Affairs

\_\_\_\_\_  
Date

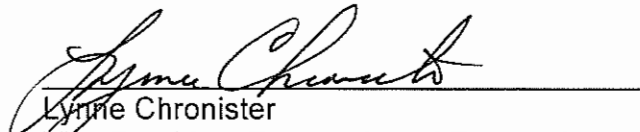
\_\_\_\_\_  
Sayed Sadiq Shah, Ph.D.  
Vice Provost for Research and Sponsored Projects

\_\_\_\_\_  
Date



ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

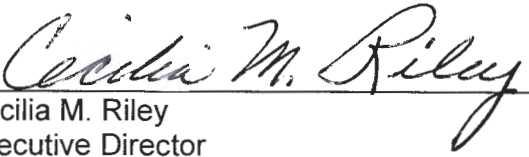
SS. University of South Alabama

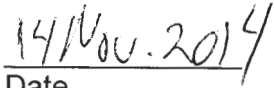
  
\_\_\_\_\_  
Lynne Chronister  
Vice President Research and Economic Development

10/21/14  
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

TT. Gulf Coast Bird Observatory

  
Cecilia M. Riley  
Executive Director

  
Date

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


**UU. Louisiana State University Agricultural Center**


*ja*  
  
\_\_\_\_\_  
William B. Richardson  
Chancellor

21 Oct 2014  
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

VV. Lamar University

  
\_\_\_\_\_  
Peter J. Kelleher  
Associate Provost for Research

  
\_\_\_\_\_  
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

WW. Louisiana Department of Wildlife and Fisheries (LDWF)



Robert J. Barham  
Secretary

11-5-2014

Date

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

**XX. The University of Alabama**

**Dr. Carl A. Pinkert**

Digitally signed by Dr. Carl A. Pinkert  
DN: cn=Dr. Carl A. Pinkert, o=The University of  
Alabama, ou=Office of the Vice President for  
Research, email=cap@ua.edu, c=US  
Date: 2014.10.21 13:42:19 -05'00'

---

Dr. Carl A. Pinkert  
Vice President for Research

10/21/2014

---

Date

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

**YY. Tulane University**



[name]:

[title]:

Kathleen M. Kozar  
Director  
Sponsored Projects Administration

10-15-2014

Date