

A. COVER PAGE

<b>Project Title:</b>	
<b>Grant Number:</b>	<b>Project/Grant Period:</b>
<b>Reporting Period:</b>	<b>Requested Budget Period:</b>
<b>Report Term Frequency:</b> Semi-annual	<b>Date Submitted:</b>
<b>Program Director/Principal Investigator Information:</b>  <b>Phone Number:</b> <b>Email:</b>	<b>Recipient Organization:</b>  <b>DUNS:</b> <b>UEI:</b> <b>EIN:</b>  <b>RECIPIENT ID:</b>
<b>Change of Contact PD/PI:</b> N/A	
<b>Administrative Official:</b>  <b>Phone number:</b> <b>Email:</b>	<b>Signing Official:</b>  <b>Phone number:</b> <b>Email:</b>

**B. ACCOMPLISHMENTS**

**B.1 WHAT ARE THE MAJOR GOALS OF THE PROJECT?**

**B.1.a Have the major goals changed since the initial competing award or previous report?**

**B.2 WHAT WAS ACCOMPLISHED UNDER THESE GOALS?**

**B.3 COMPETITIVE REVISIONS/ADMINISTRATIVE SUPPLEMENTS**

For this reporting period, is there one or more Revision/Supplement associated with this award for which reporting is required?

**B.4 WHAT OPPORTUNITIES FOR TRAINING AND PROFESSIONAL DEVELOPMENT HAS THE PROJECT PROVIDED?**

**B.5 HOW HAVE THE RESULTS BEEN DISSEMINATED TO COMMUNITIES OF INTEREST?**

**B.6 WHAT DO YOU PLAN TO DO DURING THE NEXT REPORTING PERIOD TO ACCOMPLISH THE GOALS?**

## C. PRODUCTS

### C.1 PUBLICATIONS

Are there publications or manuscripts accepted for publication in a journal or other publication (e.g., book, one-time publication, monograph) during the reporting period resulting directly from this award?

### C.2 WEBSITE(S) OR OTHER INTERNET SITE(S)

### C.3 TECHNOLOGIES OR TECHNIQUES

### C.4 INVENTIONS, PATENT APPLICATIONS, AND/OR LICENSES

Have inventions, patent applications and/or licenses resulted from the award during the reporting period? No

If yes, has this information been previously provided to the PHS or to the official responsible for patent matters at the grantee organization?

### C.5 OTHER PRODUCTS AND RESOURCE SHARING

Please provide information for C4 below.

## D. PARTICIPANTS

### D.1 WHAT INDIVIDUALS HAVE WORKED ON THE PROJECT?

Commons ID	S/K	Name	Degree(s)	Role	Cal	Aca	Sum	Foreign Org	Country	SS

**Glossary of acronyms:**

S/K - Senior/Key

Cal - Person Months (Calendar)

Aca - Person Months (Academic)

Sum - Person Months (Summer)

Foreign Org - Foreign Organization Affiliation

SS - Supplement Support

RS - Reentry Supplement

DS - Diversity Supplement

OT - Other

NA - Not Applicable

### D.2 PERSONNEL UPDATES

#### D.2.a Level of Effort

#### D.2.b New Senior/Key Personnel

#### D.2.c Changes in Other Support

#### D.2.d New Other Significant Contributors

#### D.2.e Multi-PI (MPI) Leadership Plan

## E. IMPACT

E.1 WHAT IS THE IMPACT ON THE DEVELOPMENT OF HUMAN RESOURCES?

E.2 WHAT IS THE IMPACT ON PHYSICAL, INSTITUTIONAL, OR INFORMATION RESOURCES THAT FORM INFRASTRUCTURE?

E.3 WHAT IS THE IMPACT ON TECHNOLOGY TRANSFER?

E.4 WHAT DOLLAR AMOUNT OF THE AWARD'S BUDGET IS BEING SPENT IN FOREIGN COUNTRY(IES)?

**G. SPECIAL REPORTING REQUIREMENTS SPECIAL REPORTING REQUIREMENTS**

**G.1 SPECIAL NOTICE OF AWARD TERMS AND FUNDING OPPORTUNITIES ANNOUNCEMENT REPORTING REQUIREMENTS**

**G.2 RESPONSIBLE CONDUCT OF RESEARCH**

**G.3 MENTOR'S REPORT OR SPONSOR COMMENTS**

**G.4 HUMAN SUBJECTS**

**G.4.a Does the project involve human subjects?**

**G.4.b Inclusion Enrollment Data**

**G.4.c ClinicalTrials.gov**

**Does this project include one or more applicable clinical trials that must be registered in ClinicalTrials.gov under FDAAA?**

**G.5 HUMAN SUBJECTS EDUCATION REQUIREMENT**

**G.6 HUMAN EMBRYONIC STEM CELLS (HESCS)**

**Does this project involve human embryonic stem cells (only hESC lines listed as approved in the NIH Registry may be used in NIH funded research)?**

**G.7 VERTEBRATE ANIMALS**

**G.8 PROJECT/PERFORMANCE SITES**

**G.9 FOREIGN COMPONENT**

**G.10 ESTIMATED UNOBLIGATED BALANCE**

**G.11 PROGRAM INCOME**

**G.12 F&A COSTS**

## I. OUTCOMES

I.1 What were the outcomes of the award?



## J. MISCELLANEOUS DOCUMENTS

### J.1 Other Documents

Please upload any additional attachments needed for your award that do not have a specific upload field in another section of the RPPR.