Notice of Award

EXPLORATORY/DEVELOPMENT GRANT

Department of Health and Human Services
National Institutes of Health
NATIONAL INSTITUTE OF ENVIRONMENTAL HEALTH SCIENCES

Notice of Award

Issue Date: 07/28/2014

Grant Number: 1R21ES123456-01

FAIN: R21ES123456

Principal Investigator(s):
John Smith, PhD

Project Title: Why is the Sky Blue?

Mr. O'Neill, Craig E.
MICHIGAN STATE UNIVERSITY
Sponsored Programs Manager
Hannah Administration Building
426 Auditorium Road, Room 2
East Lansing, MI 488242601

Award e-mailed to: ospawards@osp.msu.edu

Budget Period: 08/01/2014 – 07/31/2015
Project Period: 08/01/2014 – 07/31/2016

Dear Business Official:

The National Institutes of Health hereby awards a grant in the amount of $243,376 (see “Award Calculation” in Section I and “Terms and Conditions” in Section III) to MICHIGAN STATE UNIVERSITY in support of the above referenced project. This award is pursuant to the authority of 42 USC 241 42 CFR 52 and is subject to the requirements of this statute and regulation and of other referenced, incorporated or attached terms and conditions.

Acceptance of this award including the “Terms and Conditions” is acknowledged by the grantee when funds are drawn down or otherwise obtained from the grant payment system.

Each publication, press release, or other document about research supported by an NIH award must include an acknowledgment of NIH award support and a disclaimer such as “Research reported in this publication was supported by the National Institute Of Environmental Health Sciences of the National Institutes of Health under Award Number R21ES024470. The content is solely the responsibility of the authors and does not necessarily represent the official views of the National Institutes of Health.” Prior to issuing a press release concerning the outcome of this research, please notify the NIH awarding IC in advance to allow for coordination.

Award recipients must promote objectivity in research by establishing standards that provide a reasonable expectation that the design, conduct and reporting of research funded under NIH awards will be free from bias resulting from an Investigator’s Financial Conflict of Interest (FCOI), in accordance with the 2011 revised regulation at 42 CFR Part 50 Subpart F. The Institution shall submit all FCOI reports to the NIH through the eRA Commons FCOI Module. The regulation does not apply to Phase I Small Business Innovative Research (SBIR) and Small Business Technology Transfer (STTR) awards. Consult the NIH website http://grants.nih.gov/grants/policy/coi/ for a link to the regulation and additional important information.

If you have any questions about this award, please contact the individual(s) referenced in Section IV.

Sincerely yours,
Lisa A Edwards
Grants Management Officer
NATIONAL INSTITUTE OF ENVIRONMENTAL HEALTH SCIENCES

Additional information follows
SECTION I – AWARD DATA – 1R21ES123456-01

Award Calculation (U.S. Dollars)

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
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<tbody>
<tr>
<td>Federal Direct Costs</td>
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<tr>
<td>Federal F&amp;A Costs</td>
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<td>Approved Budget</td>
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<tr>
<td>Federal Share</td>
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<tr>
<td>TOTAL FEDERAL AWARD AMOUNT</td>
<td>$243,376</td>
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AMOUNT OF THIS ACTION (FEDERAL SHARE) $243,376

SUMMARY TOTALS FOR ALL YEARS

<table>
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<tr>
<th>YR</th>
<th>THIS AWARD</th>
<th>CUMULATIVE TOTALS</th>
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<tbody>
<tr>
<td>1</td>
<td>$243,376</td>
<td>$243,376</td>
</tr>
<tr>
<td>2</td>
<td>$191,599</td>
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</table>

Recommended future year total cost support, subject to the availability of funds and satisfactory progress of the project

Fiscal Information:
- CFDA Number: 93.113
- EIN: 1386005984A1
- Document Number: RES123456A

PMS Account Type: P (Subaccount)
- Fiscal Year: 2014

IC | CAN | 2014 | 2015 |
---|-----|------|------|
ES | 8469964 | $243,376 | $191,599 |

Recommended future year total cost support, subject to the availability of funds and satisfactory progress of the project

NIH Administrative Data:
- PCC: 2W53L000 / OC: 414A / Released: ARCHERL 07/22/2014
- Award Processed: 05/08/2014 01:52:21 PM

SECTION II – PAYMENT/HOTLINE INFORMATION – 1R21ES123456-01

For payment and HHS Office of Inspector General Hotline information, see the NIH Home Page at http://grants.nih.gov/grants/policy/awardconditions.htm

SECTION III – TERMS AND CONDITIONS – 1R21ES123456-01

This award is based on the application submitted to, and as approved by, NIH on the above-titled project and is subject to the terms and conditions incorporated either directly or by reference in the following:

a. The grant program legislation and program regulation cited in this Notice of Award.
b. Conditions on activities and expenditure of funds in other statutory requirements, such as those included in appropriations acts.
c. 45 CFR Part 74 or 45 CFR Part 92 as applicable.
d. The NIH Grants Policy Statement, including addenda in effect as of the beginning date of the budget period.
e. This award notice, INCLUDING THE TERMS AND CONDITIONS CITED BELOW.

(See NIH Home Page at http://grants.nih.gov/grants/policy/awardconditions.htm for certain references cited above.)
This institution is a signatory to the Federal Demonstration Partnership (FDP) Phase V Agreement which requires active institutional participation in new or ongoing FDP demonstrations and pilots.

An unobligated balance may be carried over into the next budget period without Grants Management Officer prior approval.

This grant is subject to Streamlined Noncompeting Award Procedures (SNAP).

This award is subject to the requirements of 2 CFR Part 25 for institutions to receive a Dun & Bradstreet Universal Numbering System (DUNS) number and maintain an active registration in the Central Contractor Registration. Should a consortium/subaward be issued under this award, a DUNS requirement must be included. See http://grants.nih.gov/grants/policy/awardconditions.htm for the full NIH award term implementing this requirement and other additional information.

This award has been assigned the Federal Award Identification Number (FAIN) R21ES123456. Recipients must document the assigned FAIN on each consortium/subaward issued under this award.

Based on the project period start date of this project, this award is likely subject to the Transparency Act subaward and executive compensation reporting requirement of 2 CFR Part 170. There are conditions that may exclude this award; see http://grants.nih.gov/grants/policy/awardconditions.htm for additional award applicability information.

In accordance with P.L. 110-161, compliance with the NIH Public Access Policy is now mandatory. For more information, see NOT-OD-08-033 and the Public Access website: http://publicaccess.nih.gov/.

**Treatment of Program Income:**

Additional Costs

**SECTION IV – ES Special Terms and Conditions – 1R21ES123456-01**

This award is issued in accordance with the NIH fiscal policies described in NIH Guide Notice NOT-OD-14-055 (http://grants.nih.gov/grants/guide/notice-files/NOT-OD-14-055.html).

This award is issued in response to the funding opportunity announcement RFA #ES13-011, The Role of Environmental Exposures in the Development of Autoimmune Disease (R21). The full text of that announcement can be found at: http://grants.nih.gov/grants/guide/rfa-files/RFA-ES-13-011.html

This award is issued consistent with NIH and NIEHS policies. Facilities and administrative costs have been calculated based upon the current negotiated facilities and administrative rate agreement.

This is a Modular Grant Award without direct cost categorical breakdowns issued in accordance with the guidelines published in the current NIH Grants Policy Statement. Recipients are required to allocate and account for costs related to this award by category within their institutional accounting system in accordance with applicable cost principles.

This award requires attendance at an Annual Grantee Meeting during this budget period at a location to be determined (likely in the Research Triangle Park area).

This award includes funds awarded for consortium activity with Wayne State University. Consortia are to be established and administered as described in the current NIH Grants Policy Statement (NIH GPS).
In accordance with the Notice: NOT-OD-02-017 entitled, “GRADUATE STUDENT COMPENSATION” published on December 10, 2001, in the NIH Guide for Grants and Contracts, total direct costs (salary, fringe benefits and tuition remission) for graduate students are provided at the NIH maximum allowable amount (zero level of the Ruth L. Kirschstein National Research Service Award stipend in effect at the time of the competing award). Support recommended for future years has been adjusted accordingly, if applicable. The current level of compensation allowed for a graduate student can be found at: http://grants.nih.gov/training/nrsa.htm.

The NIEHS home page can be found at: http://www.niehs.nih.gov/.

STAFF CONTACTS

The Grants Management Specialist is responsible for the negotiation, award and administration of this project and for interpretation of Grants Administration policies and provisions. The Program Official is responsible for the scientific, programmatic and technical aspects of this project. These individuals work together in overall project administration. Prior approval requests (signed by an Authorized Organizational Representative) should be submitted in writing to the Grants Management Specialist. Requests may be made via e-mail.

**Grants Management Specialist:** James R Williams  
**Email:** williamsjr@niehs.nih.gov  
**Phone:** 919-541-1403  
**Fax:** 919-541-2843

**Program Official:** Michael C Humble  
**Email:** humble@niehs.nih.gov  
**Phone:** (919) 316-4621  
**Fax:** (919) 541-5064

SPREADSHEET SUMMARY

**GRANT NUMBER:** 1R21ES123456-01

**INSTITUTION:** MICHIGAN STATE UNIVERSITY

<table>
<thead>
<tr>
<th>Budget</th>
<th>Year 1</th>
<th>Year 2</th>
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<tbody>
<tr>
<td>TOTAL FEDERAL DC</td>
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<td>$134,525</td>
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<tr>
<td>TOTAL FEDERAL F&amp;A</td>
<td>$84,128</td>
<td>$57,074</td>
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<tr>
<td>TOTAL COST</td>
<td>$243,376</td>
<td>$191,599</td>
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</table>

<table>
<thead>
<tr>
<th>Facilities and Administrative Costs</th>
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<th>Year 2</th>
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<td>53.5%</td>
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<tr>
<td>F&amp;A Costs 1</td>
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<td>$57,074</td>
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