Table of Contents:

Notice of Award	1
COGR Uniform Guidance FAQ Chart	3

Old NOA

Budget Period: 01/01/2015 - 11/30/2015 Project Period: 01/01/2015 - 11/30/2019

SECTION I - AWARD DATA - 1R01GM

Award Calculation (U.S. Dollars)

Federal Direct Costs	\$192,500
Federal F&A Costs	\$100,100
Approved Budget	\$292,600
Federal Share	\$292,600
TOTAL FEDERAL AWARD AMOUNT	\$292,600
AMOUNT OF THIS ACTION (FEDERAL SHARE)	\$292,600

SUMMARY TOTALS FOR ALL YEARS						
YR THIS AWARD CUMULATIVE TOT						
1	\$292,600	\$292,600				
2	\$292,600	\$292,600				
3	\$292,600	\$292,600				
4	\$292,600	\$292,600				
5	\$292,600	\$292,600				

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

Fiscal Information:

93.859 CFDA Number:

Document Number: RGM

PMS Account Type: P (Subaccount) Fiscal Year:

IC	CAN	2015	2016	2017	2018	2019
GM	8472185	\$292,600	\$292,600	\$292,600	\$292,600	\$292,600

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

NIH Administrative Data:

PCC: C209SK / OC: 414A / Released: BILLINGSJ 12/22/2014

Award Processed: 05/08/2014 01:52:21 PM

SECTION II - PAYMENT/HOTLINE INFORMATION - 1R01GM

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 - 1R01GM

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.
- Conditions on activities and expenditure of funds in other statutory requirements, such as those included in appropriations acts.
- 45 CFR Part 74 or 45 CFR Part 92 as applicable.
- The NIH Grants Policy Statement, including addenda in effect as of the beginning date of
- e. This award notice, INCLUDING THE TERMS AND CONDITIONS CITED BELOW.

New NOA

Budget Period: 02/01/2015 - 01/31/2016 Project Period: 02/01/2015 - 01/31/2020

SECTION I - AWARD DATA - 1R01AI

Award Calculation (U.S. Dollars)

Federal Direct Costs	\$250,000
Federal F&A Costs	\$130,000
Approved Budget	\$380,000
Total Amount of Federal Funds Obligated (Federal Share)	\$380,000
TOTAL FEDERAL AWARD AMOUNT	\$380,000
AMOUNT OF THIS ACTION (FEDERAL SHARE)	\$380.00

	SUMMARY TOTALS FOR ALL YEARS						
YR	THIS AWARD	CUMULATIVE TOTALS					
1	\$380,000	\$380,000					
2	\$380,000	\$380,000					
3	\$380,000	\$380,000					
4	\$380,000	\$380,000					
5	\$380,000	\$380,000					

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

Fiscal Information:

CFDA Name: Allergy, Immunology and Transplantation Research

CFDA Number:

EIN:

Document Number:

PMS Account Type: P (Subaccount)

IC	CAN	2015	2016	2017	2018	2019
Al	8472350	\$380,000	\$380,000	\$380,000	\$380,000	\$380,000

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

NIH Administrative Data:

PCC: M35 / OC: 414A / Released: PRICEV 01/13/2015

Award Processed: 12/15/2014 11:45:57 AM

SECTION II - PAYMENT/HOTLINE INFORMATION - 1R01AI

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 - 1R01AI

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.
- 45 CFR Part 75.
- d. National Policy Requirements and all other requirements described in the NIH Grants Policy Statement, including addenda in effect as of the beginning date of the budget
- Federal Award Performance Goals: As required by the periodic report in the RPPR or in the final progress report when applicable.
- This award notice, INCLUDING THE TERMS AND CONDITIONS CITED BELOW.

Incrementally Funded **Revised NOA**

Budget Period: 12/01/2014 - 11/30/2015 Project Period: 04/01/2005 - 11/30/2016

SECTION I - AWARD DATA - 5R01EY -09 REVISED

Award Calculation (U.S. Dollars)

Federal Direct Costs	\$194,459
Federal F&A Costs	\$95,501
Approved Budget	\$289,960
Total Amount of Federal Funds Obligated (Federal Share)	\$289,960
TOTAL FEDERAL AWARD AMOUNT	\$289.960

AMOUNT OF THIS ACTION (FEDERAL SHARE)

	SUMMARY TOTALS FOR ALL YEARS							
YR	THIS AWARD	CUMULATIVE TOTALS						
9	\$289,960	\$289,960						
10	\$335.866	\$335.866						

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

Fiscal Information:

CFDA Name: Vision Research CFDA Number: 93.867

1520710851A1 FIN:

Document Number:

PMS Account Type: Fiscal Year: 2015

IC	CAN	2015	2016
EY	8472436	\$289,960	\$335,866

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

NIH Administrative Data:

PCC: 5C /HXA / OC: 414E / Released: WDARBY 01/30/2015

Award Processed: 01/15/2015 11:58:50 AM

SECTION II - PAYMENT/HOTLINE INFORMATION - 5

REVISED

\$27,709

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 - 5F

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 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.
- 45 CFR Part 75 or as applicable 45 CFR Part 74 or 45 CFR Part 92.
- National Policy Requirements and all other requirements described in the NIH Grants Policy Statement, including addenda in effect as of the beginning date of the budget
- 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.)

Old NOA

New NOA

(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 VI 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) R01GM 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 ex

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 - GM Special Terms and Conditions - 1R01GM

- 1. This is a Modular Grant Award without direct cost categorical breakdowns issued in accordance with the guidelines published in the NIH Grants Policy Statement, October 2013 at: (http://grants.nih.gov/grants/policy/nihgps_2013/nihgps_ch13.htm#23_Toc271265237). 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.
- None of the funds in this award shall be used to pay the salary of an individual at a rate in excess of the current salary cap. Therefore, this award and/or future years are adjusted accordingly, if applicable.

Current salary cap levels can be found at the following URL:

http://grants.nih.gov/grants/policy/salcap_summary.htm

3. In addition to the PI, the following individuals are named as key personnel:

Written prior approval is required if any of the individual(s) named above withdraws from the project entirely, is absent from the project during any continuous period of 3 months or more, or

(See NIH Home Page at http://grants.nih.gov/grants/policy/awardconditions.htm for certain references cited above.)

Research and Development (R&D): All awards issued by the National Institutes of Health (NIH) meet the definition of "Research and Development" at 45 CFR Part§ 75.2. As such, auditees should identify NIH awards as part of the R&D cluster on the Schedule of Expenditures of Federal Awards (SEFA). The auditor should test NIH awards for compliance as instructed in Part V, Clusters of Programs. NIH recognizes that some awards may have another classification for purposes of indirect costs. The auditor is not required to report the disconnect (i.e., the award is classified as R&D for Federal Audit Requirement purposes but non-research for indirect cost rate purposes), unless the auditee is charging indirect costs at a rate other than the rate(s) specified in the award document(s).

This institution is a signatory to the Federal Demonstration Partnership (FDP) Phase VI 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

 $\underline{\text{http://grants.nih.gov/grants/policy/awardconditions.htm}} \ \ \text{for the full NIH award term implementing this requirement and other additional information.}$

This award has been assigned the Federal Award Identification Number (FAIN) R01Al 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 ex

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 - AI Special Terms and Conditions - 1R01AI

This is a Modular Award without direct cost categorical breakdowns in accordance with the guidelines published in the NIH Grants Policy Statement, October 2013, see http://grants.nih.gov/grants/policy/nihgps_2013/nihgps_ch13.htm#_Toc271265237. 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.

Incrementally Funded Revised NOA

This institution is a signatory to the Federal Demonstration Partnership (FDP) Phase VI 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) R01EY016431. Recipients must document the assigned FAIN on each consortium/subaward issued under this award.

This award is not subject to the Transparency Act subaward and executive compensation reporting requirement of 2 CFR Part 170.

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 - EY Special Terms and Conditions - 5R01EY016431-09 REVISED

2/2015

REVISION

This award is revised in accordance with the NIH fiscal policies described in NIH Guide Notice NOT-OD-15-050.

11/24/2014

FUNDING LEVEL

The award level has been reduced in order to utilize accumulated unobligated funds to provide support commensurate with progress.

FUNDING LEVEL

NIH is currently funded through a Continuing Resolution (See NIH Guide Notice NOT-OD-15-001: http://grants.nih.gov/grants/guide/notice-files/NOT-OD-15-001.html). Therefore, this noncompeting award has been made at a level below that committed for FY2015 in the previous Notice of Award. If the final appropriation permits, adjustments may be made up to the FY2015 funding plan level.

SALARY CAP:

None of the funds in this award shall be used to pay the salary of an individual at a rate in excess of the applicable salary cap. Therefore this award and/or future years are adjusted accordingly, if applicable. Current salary cap levels can be found at the following URL: http://grants1.nih.gov/grants/policy/salcap_summary.htm.

GRADUATE STUDENT COSTS

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,

Uniform Guidance Reference

	UG Guidance COFAR FAQ			COGR			
Section #	Section Topic	Pg#	FAQ Sub-Topic	Pg #	FAQ#	Pg#	Comments
200.20		-	Generally Accepted Acct Principles	5	200.23-1		
200.23	Vendor vs. Contractor	23	Clarification	5	200.23-2		It is the substance of the award that determines how it should be treated.
			Implications for Tribal Law	6	200.54-1		
200.54	Indian Tribes	25	Generally Accepted Acct Principles	6	200.54-2		
ļ			Implications for Applications	6	200.54-3		
200.100	Purpose	28	Admin. And Audit Requirements, and Cost Principles			2	
	- 1		Applicability to Fed Acquisitions Regulation	6	200.101-1		
200.101	Applicability	29	Audit Requirements	7	200.101-2	2-3	
	, ,		Cost Accounting Standards	7	200.101-3		
200.102	Exceptions	31	OMB May Allow Exceptions			3-4	
200.107	OMB Responsibilities		Regulations and Implementation			4	
200.109	Review Date	-	Ongoing Engagement			4	
			Indirect Cost Rates	7	200.110-1		
			Indirect Cost Rates Proposals	8	200.110-2		
			Disclousure Statements	8	200.110-3		IHE may begin on or after 12/26/14 submitting changes
			Applications	8	200.110-4		
			Applications & DS-2s	8	200.110-5		No penalty for discrepancies in practices if DS-2 has been submitted
į			Grace Period for Procurement	8	200.110-6		Procurment standard of \$3,000 on hold until December 2015
	Effective/ Applicability Dates		Incremental Funding	9	200.110-7		Not required to track "old" and "new' funds seperately
200.110		32	Formula & Entitlement Programs	9	200.110-8	4-5	
			Consistent Implementation (Federal)	9	200.110-9		
			Consistent Implementation (States)	9	200.110-10		
į			Subawards		200.110-11		
ļ			Updated from QII-1		200.110-12		
		Federal Awards Made Previously		200.110-13			
			Pre-Existing Guidance		200.110-14		
į			Single Audit Compliance	10	200.110-15		
200.112	Conflict of Interest	32	Conflict of Interest	11	200.112-1	5	
200.112	Mandatory Disclosures	32	Disclousures of Violations Affecting Federal Grants		200.112 1	6	
200.113	Wallactory Disclosures	32	Fixed Amount Awards	11	200.201-2	0	
200.201	Fixed Amount Awards	32	Cost-Share or Match	11	200.201-2	7-8	Amounts above the salary cap are not considered cost sharing by the Feds
200.201	Tixed Amount Awards	32	End of Award Certifications	12	200.201-3	, 0	Must report reductions of effort if more than 25%
200.203	Notices	33	Funding Opportunities	12	200.201-3 200.203(a)	8	Must report reductions of effort if more than 25%
200.203	Merit of Proposals	33	Federal Awarding Agency Review	12	200.203(a)	9	
200.204	Risk Posed by Applicant	33	Federal Awarding Agency Review	12	200.205-1	10	
200.206	Standard App. Requirements		Paperwork Clearances	12	200.203*1	10-11	
200.200	Federal Award	34	Information Contained in a Federal Award			11	15 data elements
200.210	Performance Measurement	•	OMB-Approved Information Collections			11-12	and districting
200.501	. c. c. mance measurement	33	Should vs. Must and Internal Controls	12	200.303-1		
200.303	Internal Controls	36	Should vs. Must in General	13	200.303-1	12-13	"Should" means best practice/ FR Dec 19th changed some should to must
100.000	internal Controls	30	Should vs. Must and The Green Book	13	200.303-2	12 13	annumber of the second
200.306	Exceptions in Statute	37	For Restrictions in Cost Sharing or Matching	13	200.303-3	13-14	"Can not be used as a factor during merit review"
200.307	Fees and Royalties		Bayh-Dole Act	13	200.307-1		Income from royalties is not income. Statute takes precedence.
200.307	Budget and Program Plan	_	Revision	13	200.307-1	15-16	and a survey divides to not income. Statute takes precedence.
200.308	Periods of Payment		and No Cost Extension	14	200.309-1	15.10	
200.303	r enous or r ayment	+0	und NO COSt Extension	14	200.303-1		

Uniform Guidance Reference

	UG Guidance COFAR FAQ		COGR				
Section # Section Topic Pg #		Pg#	FAQ Sub-Topic	Pg #	FAQ#	Pg#	Comments
	-		·				
200.313	Equipment	40	Equipment and Conditional Title	14	200.313-1	16-17	
200.313	Equipment	40			•	10-17	
			Changes to Equipment Inventory	14	200.313-2		Non-Fed entities are not expected to change their equipment inventory systems
200.317	Procurement by States	42	Same Policies & Procedures as non-Federal funds			17-18	
200.318	General Procurment Stnds		Screening Procedures	15	200.318-1	18	Language does not require any specific equipemnt screen procedures
200.319	Competition	43	Open and Free Competition			19	
			Micro vs Small vs Over Threshold	15	200.320-1		Aggregate amount of purchase does not exceed \$3,000
	Methods of Procurement to be		Sole Source for Research	16	200.320-2		Criterial for sole source listed
200.320	followed	43	Strategic Sourcing and Shared Services	16	200.320-4	19-21	
	ionowed		Charge Cards	16	200.320-5		
			Indirect Costs	16	200.320-6		
200.323	Contract Cost and Price	44	Cost or Price Analysis			21-22	
200.327	Financial Reporting	45	OMB-Approved Collection of Financial Information			22	
200.328	Program Performance	45	Monitoring and Reporting			23-24	
200.330	Determinations	46	Subrecipient and Contractor			24-25	
			Pass-through Entities, Indirect Cost Rates, and State Funds	17	200.331-1		
			Limits on Layers of Subrecipients for Indirect Costs	17	200.331-2		
	Danisan anta fan Dana Thursunk		Delayed Federal Funds and Indirect Cost Rates	17	200.331-3		States are required to comply with the terms and conditions (F&A rates)
200.331	Requirements for Pass-Through Entities	46	Indirect Cost Rates and Blended Subawards	17	200.331-4	25-27	
			Indirect Cost Rates and Entities with no Indirect Costs	17	200.331-5		
			Pass-through Entities and Indirect Cost Rate Negotiation	18	200.331-6		
			Indirect Cost Rates and non-Compliance with Guidance	18	200.331-7		
200.332	Fixed Amount Subawards	47	Fixed Amount Subawards	18	200.332-1	27	Prior approval required
200.334	Request for Transfer	48	Records			28	
200.335	Methods	48	for Collection, Transmission, and Storage of Information			28-29	
200.343	Closeout	49	Admin. Actions and Required Work Completed			29-30	
			Fixed Amount Subawards and Profit	18	200.400-1		
200.400	Policy Guide	50	Dual Role of Students and Post-Doctoral Staff	19	200.400-2	31-32	
	ŕ		Profit and Nonprofits	19	200.400-3		
200.401	Application	50	Fixed Amount Awards and Cost Principles	19	200.401-1		
200.405	Allocable Costs		Unallowable Activities and Donated Services			32	
200.407	Prior Written Approval	52	Avoiding Subsequent Disallowance of Dispute			32-33	
200.413	Direct Costs		What Counts as Prior Approval	19	200.413-1	33-34	
	222 0000		De Minimis Rate and Governments	20	200.414-1		
			Indirect Cost Rate Extensions - "Current" and "One-time"	20	200.414-2		
			Documentation Required for Extension	20	200.414-3		
200.414	Indirect (F&A) Costs	53	Timing of Request for Extension	21	200.414-3	34-36	
			Extensions and Fixed-Rates with Carry-Forward	21	200.414-3		
			Extensions and Old Rates, Shorter Extensions	21	200.414-4		
200.415	Required Certifications	54	Authorization to Legally Bind the non-Federal Entity	21	200.414-3	36	Non-Fed entities must decide how best to establish authority
200.419	Cost Accounting	55	Standards and Disclosure Statement	21	200.413-1	36-38	Tea chades must decide now best to establish authority
200.419	Cost Accounting Compensation - Personal	23		21	200.430-1	30-38	
200.430	Services	57	Authorization of Changes to Time and Effort Systems Time and Effort and Tribes	22	200.430-1	38-40	
200 424		F0		22		40.43	Leave naveut question
200.431	Compensation		Fringe Benefits and Indirect Costs	22	200.431-1	40-42	Leave payout question
200.432	Conferences	01	Dissemination of Technical Information			42	

Uniform Guidance Reference

UG Guidance			COFAR FAQ			COGR	
Section #	Section Topic	Pg#	FAQ Sub-Topic	Pg#	FAQ#	Pg#	Comments
200.433	Contingency Provisions	61	Future Costs			42-43	
200.436	Depreciation	63	Depreciation and Cost Sharing (Previously Q IV-1) Depreciation and Cost Sharing	22 22	200.436-1 200.436-2	43-44	
200.440	Exchange Rates	64	Prior Approval for Fluctuations in Exchange Rates	23	200.440-1	44-45	Prior approval only required if need for additional funding or change in scope
200.444	General Cost of Government	64	Salaries and Wages for Tribal Councils	23	200.444-1		
200.446	Idle Facilities	65	And Idle Capacity			45	
200.449	Interest	66	Cost Capitalized in Accordance with GAAP is Allowable			45-46	
200.451	Losses	68	On Other Awards or Contracts			46-47	
200.453	Materials and Supplies Cost	68	Including Costs of Computing Devices			47	
200.456	Participant Support Costs	69	Requires Prior Approval			47-48	
200.458	Pre-Award Costs	69	Pre-Award Costs Uncommitted Cost Sharing	23 23	200.458-1 200.458-2	48	
200.461	Publication and Printing Costs	69	Charge Federal Award Before Closeout			48-49	
200.463	Recruting Costs	69	Short-Term Travel Visa Costs Must be Directly Connected			49	
200.470	Taxes	71	Including Value Added Tax			49-50	
200.474	Travel Costs	72	Cost are a Direct Result of the Individual's Travel			50	
200.512	Report Submission	1	Tribes Opting out of Online Report Publication Availability of Reports for Public Inspection Waivers for Low-Risk Auditt Standards	23 24 24	200.512-1 200.512-2 200.512-3		
		1	Application of Option Not to Publish for Tribes Single Audit Accountable Official	24 24	200.512-4 200.512-5		
Apen III	Cost Sharing in Research Base						FR 12/19/14 New clause A.1.a(3) on what Cost Sharing is in the calculation base
Apen III	Indirect Cost ID and Assign.	87	Utility Cost Adjustment	25	Apen III-1	51-54	