

Life Sciences

*of the*

Institute *of*

Agriculture

*and* Natural

Resources

Addendum

2009

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AT WORK FOR NEBRASKA





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# Addendums to the material you received prior to coming to campus

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## **T**wo updates pertain to the report: *Life Sciences of the Institute of Agriculture and Natural Resources*

- As it did in fall 2008, the College of Agricultural Sciences and Natural Resources (CASNR) leads all of the University of Nebraska-Lincoln for undergraduate increases in spring enrollment over spring 2008. The college, with 1,591 undergraduate students, is up 14.9 percent over spring semester last year. This is 37 percent of the total system-wide, all-campus undergraduate growth. CASNR, with 1,591 undergraduate students, 518 graduate students and 48 professional students, at sixth-day census accounted for 49 percent of the total student growth at UNL this semester.
- For academic year 2008-2009, 49.3 percent of CASNR students receive scholarships, up from the percentage earlier quoted in the original IANR life sciences report.

## **A third item pertains to the large white notebook furnished by the UNL Chancellor's office**

- F&A costs for the Department of Statistics have been shown to be incorrect for this reason:

“Depending on where the faculty appointment resides (or the majority of it resides) is usually the determining factor as to what college the grant is submitted through. Stats has grants through both A&S [Arts and Sciences] and IANR [Institute of Agriculture and Natural Resources]. F&A comes back to department from both colleges.”

Source: Carol A. Cartwright, School of Natural Resources Business Center Administrative Team Manager in a 2/16/2009 e-mail correspondence to Walter Stroup, head of the Department of Statistics,  
cc: David Manderscheid, Dean, College of Arts and Sciences, and Susan Fritz, Associate Vice Chancellor, Institute of Agriculture and Natural Resources

Should questions arise as to other numbers, please contact Susan Fritz, (402) 472-2871; e-mail sfritz1@unl.edu.

Additional updates follow. Some are to appendices already in the report, *Life Sciences of the Institute of Agriculture and Natural Resources*. Others are new appendices that answer the requests from team leader Dr. Eugene Sander for further information.

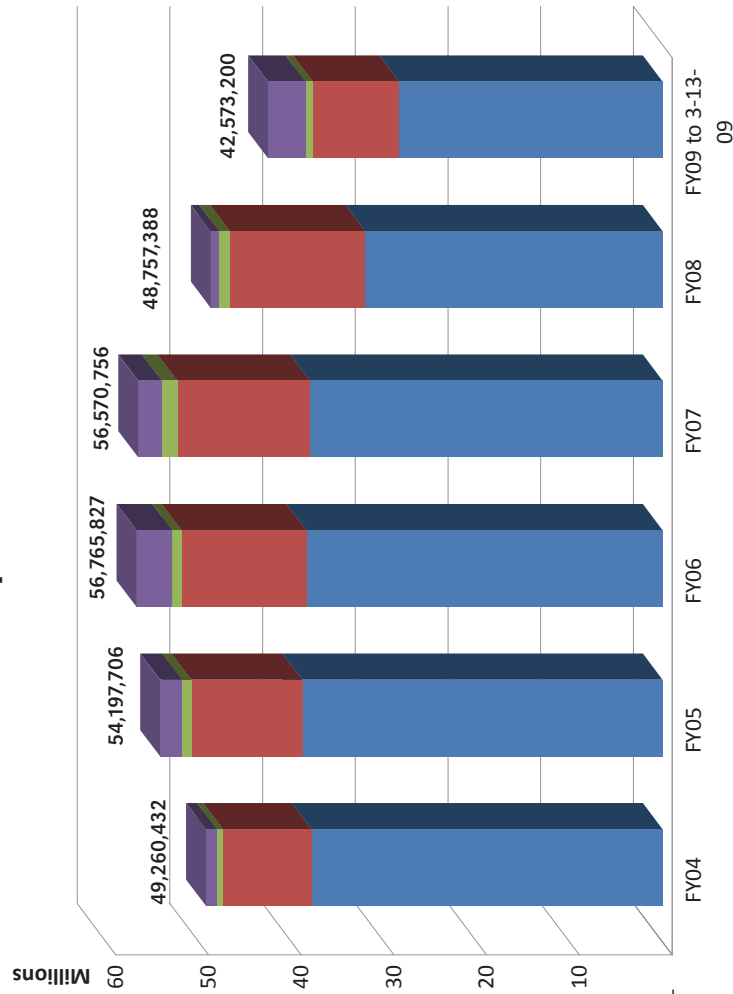
*“The advanced research, educational offerings, and programmatic activities of IANR empower people and communities to solve problems, stimulate economic development, and improve lives.”*

*— From the independent study report by Battelle, released 2007*

# Appendix G

Updated March 2009

**IANR  
Grants, Contracts and Gifts Awarded  
Fiscal Year Comparison and FY09 Year-To-Date**

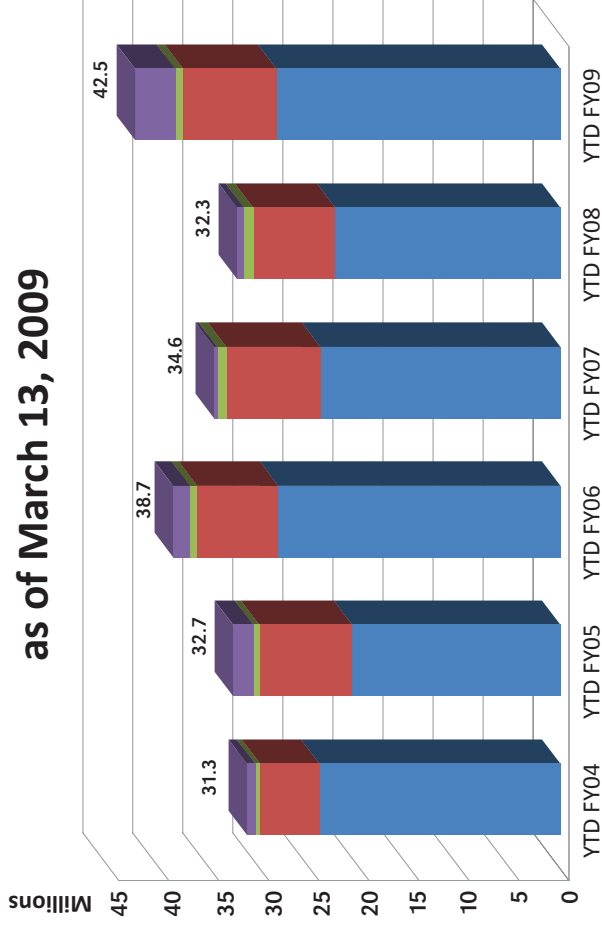


	FY04	FY05	FY06	FY07	FY08	FY09 to 3-13-09
IANR-Vice Chancellor	1,155,253	2,368,938	3,857,316	2,548,197	914,348	4,040,853
IANR-CASNR	692,040	979,485	991,487	1,664,776	1,143,386	795,923
IANR-Cooperative Extension	9,530,823	11,966,005	13,466,434	14,294,462	14,621,489	9,314,942
IANR-Research	37,882,316	38,883,278	38,450,590	38,063,321	32,078,165	28,421,482

Source: NUgrant

# IANR

## Grants, Contracts and Gifts Awarded Fiscal Year -To-Date Comparison as of March 13, 2009



	YTD FY04	YTD FY05	YTD FY06	YTD FY07	YTD FY08	YTD FY09
IANR-Vice Chancellor	0.8	2.0	1.7	0.3	0.7	4.0
IANR-CASNR	0.5	0.6	0.7	0.9	0.9	0.8
IANR-Cooperative Extension	5.9	9.3	8.1	9.4	8.2	9.3
IANR-Research	24.1	20.8	28.2	24.0	22.5	28.4

Source: NUgrant

# Appendix H

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Updated March 2009

National and International Research, Teaching, and Extension Awards for IANR Faculty

2008

Josiah, Scott – joint recipient of the Two Chiefs Partnership Award from the chief of the USDA Natural Resources Conservation Service and the chief of the USDA Forest Service

2009

Jackson, David – The Andersons Cereals and Oilseeds Award of Excellence

In addition, this spring three IANR faculty are recipients of prestigious University of Nebraska awards:

James, Michael – Outstanding Research and Creativity Award

Lee, Donald – Outstanding Teaching and Instructional Creativity Award

Weeks, Donald – Innovation, Development and Entrepreneurship Award

# Appendix I

New information added March 2009

## Average ACT Composite Scores by IANR Departments

	Fall 2004	Fall 2005	Fall 2006	Fall 2007	Fall 2008
Agricultural Economics	23.56	25	24.8	22.57	24.29
Agricultural Leadership, Education and Communication	21.67	27.8	19.67	24.62	24.56
Agronomy and Horticulture	23.35	24.24	24.14	24.06	23.96
Animal Science	26.4	25.4	24.88	24.16	24.18
Biochemistry	26.33	28.13	26.5	28.32	28.27
Biological Systems Engineering	21.44	26.12	24.4	23.56	24.62
CASNR General	23.22	24.38	23.45	24.79	24.41
Center for Grassland Studies	21.17	22.59	22.81	21.84	23.77
Entomology			24.5	21.88	23.39
Food Science and Technology	25	28.6	23.73	26.71	26.17
School of Natural Resources	23.16	23.95	24.2	23.6	23.44
Veterinary and Biomedical Sciences	24.21	25.09	23.79	24.91	24.68
<b>IANR Avg ACT composite score</b>	<b>23.98</b>	<b>25.02</b>	<b>24.09</b>	<b>24.38</b>	<b>24.61</b>
<b>IANR Avg ACT comp without Biochemistry</b>	<b>23.72</b>	<b>24.68</b>	<b>23.89</b>	<b>24.01</b>	<b>24.22</b>
<b>IANR Avg ACT comp with BIOC, AENG and BSE</b>	<b>24.59</b>	<b>25.71</b>	<b>25.13</b>	<b>25.32</b>	<b>25.47</b>

Note: This report includes First-time Freshmen only.

Wednesday, February 18, 2009

Source: UNL Academic Management Information System (AMIS)

# Appendix M

Revised March 2009

Question 1: The table on page 66 is confusing; the position descriptions are a bit vague relative to whether or not they actually are molecular scientists. Any more specific information would be helpful.

## Molecular Biology Faculty in the Institute of Agriculture and Natural Resources

Faculty Expertise (and/or Research Areas*)	HATCH Project Title	Department	Date of Hire	Name	Degree
Soybean Physiologist-Geneticist	Novel Methods for Soybean Genetic Improvement and Genomic Analysis	Agron. & Hort.	1974	Specht	PhD-Genetics-1974
Plant Molecular Biologist	Identification and Analysis of Jasmonic Acid Signal Transduction Components in Plants	Agron. & Hort.	1985	Staswick	PhD-Agronomy, Plant Biochemistry-1982
Small Grains Breeding and Genetics	Genetics, Breeding and Evaluation of Winter Small Grains Crops for Nebraska	Agron. & Hort.	1986	Baenziger	PhD-Plant Breeding and Genetics-1975
Tissue Culture	Application of Micropropagation and Biotechnology to Improvement and Multiplication Horticultural Crops	Agron. & Hort.	1987	Read	PhD-Biological Sciences and Horticulture-1967
Soybean Breeding and Genetics	Soybean Breeding and Genetic Studies	Agron. & Hort.	1988	Graef	PhD-Plant Breeding and Cytogenetics, Minor Genetics-1988
Plant Geneticist	Detection and Assessment of Genetic Variation in Crops, Weeds, and Native Species*	Agron. & Hort.	1989	Lee	PhD-Agronomy-1988
Soil Microbial Ecologist	Community Structure and Functional Diversity of Arbuscular Mycorrhizal Fungi in High-yielding Cropping Systems	Agron. & Hort.	1994	Drijber	PhD-Soil Science-1993
Plant Transformation	Development of a Transposon Tagging System for Soybean ( <i>Glycine max</i> Merr)	Agron. & Hort.	1996	Clemente	PhD-Plant Pathology-1993
Sorghum Genetics	Increased Drought Resistance and Yield Potential in Sorghum by Enhancing its Adaptability to Cold	Agron. & Hort.	1999	Dweikat	PhD-Plant Breeding and Genetics-1988
Plant Geneticist	Proteomic Dissection of the Mitochondrial DNA Metabolism Apparatus in Arabidopsis	Agron. & Hort.	1999	Mackenzie	PhD-Plant Molecular Genetics-1986
Dry Bean Breeding and Genetics	Genetic Improvement of Dry Edible Beans ( <i>Phaseolus vulgaris</i> L.)	Agron. & Hort.	2005	Urrea	PhD-Plant Breeding and Genetics-2000
Biochemical Geneticist	Phylloquinone Biosynthesis and Engineering in Plants	Agron. & Hort.	2006	Basset	PhD-Plant Biochemistry-2000
Plant Comparative Genomics	Sequencing of plant mitochondrial transcriptomes and genomes*	Agron. & Hort.	2008	Mower	PhD-Molecular Cellular and Developmental Biology-2005
Horticultural Molecular Genetics	Expression profiling of genes involved in mineral remobilization during leaf senescence and translocation to seeds/Mineral partitioning dynamics and regulation of gene activity*	Agron. & Hort.	2008	Waters	PhD-Agronomy and Nutritional Sciences (Plant Molecular Biology)-2002
Alternative Crop Breeding and Genetics	Conservation, Management, Enhancement and Utilization of Plant Genetic Resources	Agron. & Hort.	2008	Santra	PhD-Biotechnology-1999
Corn Breeding and Genetics	High Throughput Phenotyping in Corn Breeding*	Agron. & Hort.	2009	Hoegemeyer	PhD-Plant Science-1974
Plant Molecular Biologist	Investigating the mode of action of opaque2 modifiers using transcriptional and proteomic profiling and transgenic technology*	Agron. & Hort.	2009	Holding	PhD-Plant Biology-1997
Swine Nutrition	Does Dam Parity Affect Progeny Health Status and Growth Performance?	Animal Science	2006	Burkey	PhD-Animal Science-2006

Beef Physiology	Role of VEGFA in Follicle Development and Oocyte Competence in the Bovine	Animal Science	2000	Cupp	PhD-Reproductive Endocrinology/Animal Science-1994
Nutritional Biochemistry	Mechanisms Regulating Energy Balance in Mammals	Animal Science	1996	Miner	PhD-Animal Science-1989
Genetics	Genetic Variation in Feed Energy Utilization	Animal Science	1974	Nielsen	PhD-Animal Breeding-1974
Swine Genetics	Genetic and Functional Genomic Approaches to Improve Production and Quality of Pork	Animal Science	1978	Johnson	PhD-Animal Breeding-1973
Swine Physiology	Transcriptional Regulation of the Porcine Gonadotropin Releasing Hormone (GNRH) Receptor Gene	Animal Science	2000	White	PhD-Animal Sciences-1997
Physiological Genomics	Ovarian Influences on Embryonic Survival in Ruminants	Animal Science	2006	Wood	PhD-Reproductive Endocrinology-2000
Animal Molecular Geneticist	Applying functional genomics and systems genetics in order to dissect the molecular architecture of complex physiological traits*	Animal Science	2009	Ciobanu	PhD-Animal Breeding and Genetics-1999
Plant Molecular Genetics	Genetic Modification of Chloroplast Rubisco	Biochemistry	1984	Spreitzer	PhD-Biology-1980
Plant Molecular Biology	Inorganic Carbon Transporters and Photosynthetic Efficiency	Biochemistry	1989	Weeks	PhD-Biochemistry-1967
Virology	Evolution of Animal Lentiviruses/HIV	Biochemistry	1996	Wood	PhD-Microbiology-1981
Molecular Biology	Redox biology*	Biochemistry	2001	Fomenko	PhD-Molecular Biology-1999
Plant Molecular Biology	Transcriptional Regulation of Programmed Cell Death (PCD) in Plant Development and Response to Pathogens	Biochemistry	2001	Stone	PhD-Biochemistry-1996
Plant Biochemical Genetics	Plant nutrigenomics, Plant secondary metabolism, and Protein and metabolic engineering*	Biochemistry	2006	Basset	PhD-Plant Biochemistry-2000
Biochemistry and Molecular Biology	Fatty acid transport proteins, fatty acid trafficking, metabolic transformation	Biochemistry	2008	Black	PhD-Cell Biology-1983
Plant Molecular Biology	Functional genomics of plant lipid and oil metabolism, sphingolipid metabolism and function, nutritional biofortification of crop plants*	Biochemistry	2009	Cahoon	PhD-Botany and Plant Pathology-1993
Biochemical Genetics	Mechanism of Plant Cell Signaling	Biotech Cntr	2001	Fromm	PhD-Biochemistry and Molecular Biology-1982
Biomaterials and Tissue Engineering	Engineering Nonviral Gene Delivery through Extracellular Interactions and Intracellular Signaling	Bio. Sys. Engr.	2007	Pannier	PhD-Biological Sciences-2007
Insect Genetics	Efficacy testing of transgenes and identification of new native genes that influence plant resistance to insects*	Entomology	1990	Foster	PhD-Entomology-1971
Insect Toxicology	Genomic Approaches to Identify Midgut Specific Target Sites in the Western Corn Rootworm	Entomology	1990	Siegfried	PhD-Entomology-1989
Forensic Science	The Ecology of Carcass Decomposition in Terrestrial Ecosystems	Entomology	2007	Carter	PhD-Biochemistry-2005
Food Biotechnology	Molecular basis for prebiotic sugar metabolism and regulation by probiotic bacteria*	Food Sci & Tech.	1987	Hutkins	PhD-Food Science & Nutrition-1984
Food Allergy Immunology	Development of immunochemical methods for the detection of allergens, proteins, and toxins*	Food Sci & Tech.	1987	Taylor	PhD-Biochemistry-1973

Food Microbial Genetics	Pyrosequencing and Community Profiling for Risk Assessment in Leafy Greens	Food Sci & Tech.	1996	Benson	PhD-Microbiology-1992
Food Gastrointestinal Microbiology	Discovering the Molecular Foundations of Lactobacillus Reuteri Autochthony in Gut Ecosystems	Food Sci & Tech.	2006	Walter	PhD-Food Technology & Microbiology-2003
Gastrointestinal Immunology	Mucosal immunology*	Food Sci & Tech.	2008	Peterson	MD/PhD-Immunology-2001
Food Allergy Molecular Chemist	Fundamental research on food allergens using immunochemical methods; assessment of the potential allergenicity of genetically engineered foods*	Food Sci & Tech.	2009	(In Process)	—
Nutritional Biochemistry	Regulatory Mechanisms of Intestinal Cholesterol Absorption	Nutrition & Human Sciences	1996	Carr	PhD-Nutritional Science-1989
Nutritional Biochemistry	Mechanisms of Biotin Homeostasis and Nutrient Bioavailability - Phytonutrients and Beyond	Nutrition & Human Sciences	2001	Zempleni	PhD-Nutritional Science-1992
Nutritional Biochemistry	Metabolomics of lipid genes*	Nutrition & Human Sciences	2008	DiRusso	PhD-Cell and Molecular Biology-1982
Molecular Virology	Characterization of Large Algal Viruses and Their Genes	Plant Path	1966	Van Etten	PhD-Plant Pathology-1965
Plant Vector/Plant Transformation	Development of Direct Repeat Induced Gene Silencing (DRIGS) as a Functional Genomics Tool	Plant Path	1989	Mitra	PhD-Virology-1985
Microbial Genetics	Dissecting the Function of HrpJ and HrpK1 – Two Type III Secreted Proteins that are Required for the injection of Effectors into Plant Cells	Plant Path	2000	Alfano	PhD-Microbiology-1993
Fungal Genetics	The Fungal Response to Genotoxic Stress	Plant Path	2002	Harris	PhD-Biological Sciences-1992
Molecular Fungal Plant Interactions	Weed Control Systems for Western Nebraska Irrigated Crops and Rangeland	Plant Path	2009	Wilson	PhD-Biochemical and Molecular Genetic Techniques-1998
Molecular Virology	An Integrated Approach to Control of Bovine Respiratory Diseases (NC-1027). Virus Host/Interactions that Regulate the Latency-Reactivation Cycle of Bovine herpesvirus 1 (BHV-1)	Vet. Biomed. Science	1989	Jones	PhD-Microbiology-1985
Molecular Biology	Molecular Genetic Analysis of Mycobacterium Avium Subsp. Paratuberculosis (MAP) and Related Mycobacterial Pathogens	Vet. Biomed. Science	1991	Barletta	PhD-Molecular Cell Biology-1987
Cellular and Molecular Immunology	Cellular and molecular mechanisms of immune system activation and autoimmunity	Vet. Biomed. Science	2007	Reddy	PhD-Pathobiology-1998
Molecular Neurobiology	Molecular Neurosciences related to circadian oscillations*	Vet. Biomed. Science	2008	Pickard	PhD-Neuroscience-1978
Neurobiology	Circadian regulation of sleep*	Vet. Biomed. Science	2008	Sollars	PhD-Neuroscience-1991

\*If no HATCH project on file, title represents primary research area(s).

Sources: CRIS System; UNL employee database

# Appendix O

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New information added March 2009

Question 2: Could the committee get the number of peer-review grant proposals submitted to NIH, NSF, USDA, Department of Energy, and other federal agencies over the past five years? I also would like to know the revenue generated by these grants as it would be very indicative of the impact of the molecular sciences in the programs of IANR. I'm not interested in non-competitive USDA formula dollars.

REVISED  
Five Year IANR Federal Proposals/Awards by Agency Total

Agency	FY 04			FY 05			FY 06			FY 07			FY 08		
	Submit	Awards	\$ Award	Submit	Awards	\$ Award	Submit	Awards	\$ Award	Submit	Awards	\$ Award	Submit	Awards	\$ Award
NIH	24	30	10,159,567	25	19	4,189,541	19	20	8,149,831	26	21	3,908,206	19	21	6,301,510
NSF	40	17	5,503,482	39	13	4,510,343	36	12	3,664,243	23	4	2,012,514	21	8	2,045,452
USDA	124	75	15,814,854	120	77	13,172,683	108	69	12,239,820	102	74	13,646,406	105	68	9,900,930
DOE	5	7	1,635,017	5	8	2,131,845	5	9	2,157,704	4	5	777,218	5	5	816,951
AID	0	0	0	4	2	3,200,000	1	1	300,000	4	3	3,470,000	3	2	3,150,000
CNS	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
DOC	10	5	480,888	4	6	632,563	10	5	802,420	7	9	1,105,689	9	9	1,205,180
US-ED	1	1	63,957	2	2	460,578	1	1	54,670	2	1	376,095	1	0	0
DOI	21	22	854,531	19	21	805,651	19	19	784,606	15	13	657,605	18	19	932,008
DOD	3	1	326,250	1	1	100,000	1	0	0	2	1	98,777	1	0	0
EPA	7	2	143,719	9	5	373,475	12	6	442,544	4	3	1,199,607	2	1	50,500
NASA	6	2	179,373	5	2	48,000	6	4	312,654	2	3	367,309	2	3	421,331
DOJ	0	0	0	0	0	0	1	0	0	2	0	0	0	0	0
HUD	0	0	0	0	0	0	1	0	0	2	3	597,000	0	0	0
NSA	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
IMLS	0	0	0	0	0	0	1	0	0	0	1	149,817	0	0	0
Homeland Security	1	0	0	0	0	0	1	1	111,261	0	0	0	0	0	0
NEA	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dept of State-BECA	0	1	256,000	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>243</b>	<b>163</b>	<b>35,417,638</b>	<b>234</b>	<b>156</b>	<b>29,624,679</b>	<b>223</b>	<b>147</b>	<b>29,019,753</b>	<b>195</b>	<b>141</b>	<b>28,366,243</b>	<b>187</b>	<b>136</b>	<b>24,823,862</b>

Source: UNL Office of Research

IANR Federal Proposals/Awards by Agency Total

Agency	FY 09 * (partial yr data)		
	Submit	Awards	\$ Award
NIH	12	12	4,470,048
NSF	26	11	4,213,063
USDA	25	29	11,088,768
DOE	3	5	556,877
AID	0	2	3,309,403
CNS	0	0	0
DOC	3	3	569,515
US-ED	0	0	0
DOI	8	6	237,891
DOD	2	1	10,000
EPA	2	0	0
NASA	3	2	148,316
DOJ	0	0	0
HUD	1	0	0
NSA	0	0	0
IMLS	0	0	0
Homeland Security	0	0	0
NEA	0	0	0
NEH	1	0	0
Dept of State-BECA	0	0	0
<b>Total</b>	<b>86</b>	<b>71</b>	<b>24,603,881</b>

\* Fy09 data is reported for the period 7/1/2008 - 3/11/2009

Source: NUgrant

# Appendix P

New information added March 2009

Question 3: Would it be possible to get the number of graduate students enrolled in each of IANR's life science departments, how they are supported with assistantships, and where these individuals are placed in academic and industrial positions upon their graduation?

## Graduate students within IANR Life Sciences majors and support

Major Name	Masters	Doctoral	Total	GTA Positions	GRA Positions
Agronomy	23	40	63		
Horticulture*	9	3	12	6	35
Animal Science	32	22	54	10	35
Biochemistry	8	21	20	4	28
Entomology	50	18	68	1	20
Food Science & Technology	34	15	49		42
Natural Resource Sciences	33	34	67	6	63
Nutrition (interdepartmental)	6	12	18		
Nutrition and Health Sciences	46	3	49	12	24
Veterinary Sciences	12	NA	12		
Integrated Biomedical Sciences**	NA	11	11		14
Approximately 65% of students have support					

\*For both majors in Department of Agronomy and Horticulture.

\*\*For both majors in Department of Veterinary and Biomedical Sciences.

Source: Institutional Research and Planning

UNL has no systematic method of tracking graduate alumni placement.

# Appendix Q

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New information added March 2009

Question 4: Could we get a breakdown of the number of undergraduate students enrolled in the different tracks offered by Agronomy and Horticulture and Animal Science? I believe this will help us understand just how “molecular” their undergraduate programs actually are compared to their entire undergraduate offerings.

## Summary of B. S. in Animal Science Graduates by Option December 2006-December 2008

Options	Number
Animal Biology	29
Equine Science	6
Meat Science	6
Production and Management	69
Pre-Veterinary Animal Science	30

Source: UNL Registrations and Records

## Summary of B.S. in Agronomy and B. S. in Horticulture Graduates by Option May 2007-December 2008

Agronomy Options	Number
Agroecology	1
Business	9
Crop Production	6
Integrated Crop Management	12
Horticulture Options	
Business	2
Production	3
Plant Science	2
Landscape Design	27
Landscape Management	5
Turfgrass Science	10
No Option declared	2

Source: SIS+ (Student Information System)

# Appendix R

New information added March 2009

## IANR Apportionment by Department Fall 2007

Department	FTE	Teaching	Research	Service	Extension	Admin	Total
4-H Youth Development	6	0	0	2	98	0	100
Agricultural Economics	19	25.8	44.5	1.43	18.8	9.52	100
Agricultural Leadership, Education and Communication	6	70.1	10.3	3.22	5.56	10.8	100
Agricultural Research and Development Center -- Ithaca	1	0	0	0	0	100	100
Agronomy and Horticulture	45	29	45	1.72	19.2	5.09	100
Animal Science	29	34.9	37.7	2.17	22.2	3.03	100
Biochemistry	24	16.5	79.0	0.93	0	3.57	100
Biological Systems Engineering	24	25.7	44.0	2.19	15.1	13	100
Center for Leadership Development	1	0	0	0	0	100	100
Children, Youth and Family Studies	3	4.33	19.3	4.33	72	0	100
Entomology	14	25.3	42.3	2.07	23.7	6.67	100
Finance and Personnel	1	0	0	0	0	100	100
Food Science and Technology	14	22.6	47	2.41	16.2	11.8	100
General	2	0	0	0	0	100	100
Nebraska Forest Service	12	0	0	0	100	0	100
Nebraska Rural Initiative	2	5	25	15	5	50	100
Northeast Research and Extension Center -- Norfolk	47	0	7.19	2.74	87.9	2.13	100
Nutrition & Health Sciences	5	4	59	4	33	0	100
Office	10	3	0	0.18	5.88	90.9	100
Panhandle Research and Extension Center -- Scottsbluff	32	0	17	3.04	77.0	2.94	100
Plant Pathology	17	9.82	64.2	2	19	5	100
School of Natural Resources	60	14.2	66.1	2.63	12.9	4.23	100
Southeast Research and Extension Center -- Lincoln	62	0	0	2	96.4	1.56	100
Statistics	4	38.5	41.7	3.17	0	16.7	100
Textiles, Clothing and Design	2	0	12.5	5	82.5	0	100
Veterinary and Biomedical Sciences	23	16.3	68.3	2.08	4.32	9	100
West Central Research and Extension Center -- North Platte	33	0	7.72	2.83	83.9	5.56	100

Wednesday, February 18, 2009

IANR Apportionment Data for 2008 is not yet available.

Source: UNL Academic Management Information System (AMIS)

The University of Nebraska–Lincoln does not discriminate based on gender, age, disability, race, color, religion, marital status, veteran's status, national or ethnic origin, or sexual orientation.