

1. Welcome!

Undergraduate Pipeline Network (UPN) Summer Research Experience Summer 2017 Application

Hello and thank you for applying to the Undergraduate Pipeline Network. We will contact you with a decision about participating in the program by the end of April. If have any questions before then, please feel free to contact UPN-L@unm.edu

Program Dates: Starting May 31, 2017 through August 4, 2017.

Participants must attend UPN Orientation on May 31 and June 1, 2017.

PLEASE NOTE: This site works best in Internet Explorer or Mozilla.

IMPORTANT!

DEADLINE for UPN 2017 is Midnight, February 15, 2017

Any incomplete application submitted after the deadline will not be reviewed or considered. Be sure to give yourself plenty of time to complete all sections of the application before the deadline. A complete application requires the following documents to be turned in to the UPN program.

◆ A complete online application

◆ One letter of recommendation -- **Submit your referee's information within this application.**

Please ensure that you have already asked your referee for a letter of recommendation. Once you enter your referee's information, the program will contact him/her to submit a letter and evaluation.

◆ An unofficial copy of **ALL** of your transcripts

◆ A copy of your current academic resume or CV

Before you begin, it would be helpful to have your personal statement ready to submit within the application. Your personal statement should include:

1. Your career goals
2. Reasons for wanting to engage in summer research
3. How the UPN program fits into your career plan

Please send your unofficial transcripts and your current CV to UPN-L@unm.edu You may submit them via email, fax or regular mail.

This online application gives you the flexibility to complete your application all at once or to work on it a little at a time on the same computer. If you wish to work on only one portion of the application at a time, or come back and edit your answers at a later time, you may do so by clicking the "Exit this survey" link in the upper right corner of the page. You must use the same computer and have cookies enabled to access this feature. Please note, this feature may not be available on some public computers. **DO NOT** click the "Done" button until you are satisfied that you have answered all the questions. Once you have clicked the "Done" button, your application will be submitted as is and you will not be able to make changes. Please remember to proof-read your entire application before you click the "Done" button.

* 1. I have read and understand the instructions for the UPN online application process.

Yes

No

2. Personal Information

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* 1. Last Name

* 2. First Name

3. Middle Initial

4. Where did you hear about the UPN program? (select all that apply)

Email from BREP

Friend

Family

Professor

Staff member

Word of Mouth

SACNAS Conference

Other (please specify)

5. Current Address

6. Permanent Address

7. Where do you prefer to be contacted?

- Current Address
- Permanent Address

8. Phone Numbers

Current Phone Number

Permanent Phone Number

Cell Phone Number

9. Email Address

10. Date of Birth

Date of Birth MM DD YYYY

/ /

11. Place of Birth

12. Gender:

- Female
- Male

* 13. Citizenship - This Question Requires an Answer

- U.S. Citizen
- US Permanent Resident (Green Card Holder)

3. Race & Ethnicity

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The University of New Mexico is required by Federal law to request this information for statistical reporting purposes.

Your response is voluntary.

Federal Race and Ethnicity Definitions:

Hispanic or Latino: A person of Cuban, Mexican, Puerto Rican, South or Central American, or Spanish culture or origin, regardless of race.

American Indian or Alaska Native: A person having origins in any of the original peoples of the North and South America (including Central America) who maintains cultural identification through tribal affiliation or community attachment.

Asian: A person having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian Subcontinent, including, for example, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand, and Vietnam.

Black or African American: A person having origins in any of the black racial groups of Africa.

Native Hawaiian or Other Pacific Islander: A person having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Island.

White: A person having origins in any of the original peoples of Europe, the Middle East, or North Africa.

1. Do you consider yourself to be Hispanic/Latino(a)?

Yes

No

2. In addition, select one or more of the following racial categories to describe yourself:

Asian

Black or African American

Native Hawaiian or Pacific Islander

White

American Indian or Alaska Native

3. Languages you speak fluently, besides English?

4. Educational Background

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Please tell us about ALL colleges and universities you have attended.

* 1. Current College/University

College/University

City and State

Hours Earned

Major (Minor)

Dates Attended

GPA

Expected Graduation
(semester and year)

* 2. During the 2016-2017 school year, my student standing is:

Please note: This program is intended for students who are undergraduates and will not graduate before December 2017.

- Freshman
- Sophomore
- Junior
- Senior
- Other (please specify)

* 3. Have you ever been suspended from a college or university (including UNM) for any reason?

- Yes
- No

4. If you answered yes to the previous question, please disclose the following information about the suspension:

Institution

Date of Suspension

Was the suspension
academic?

Was the suspension
disciplinary?

5. Academic History

Please list all Universities attended including junior/community colleges

1. College/University

College/University Name

Hours Earned

GPA

Dates Attended

2. College/University

College/University Name

Hours Earned

GPA

Dates Attended

3. College/University

College/University Name

Hours Earned

GPA

Dates Attended

6. Core Science Courses Taken

1.

Please list additional science courses you have completed which you believe will contribute to your success in the UPN program should you be selected as a 2017 UPN Scholar. Include the following for each course you list here:

| | Credit Hours | Your Grade | Semester Completed | Institution |
|----------------------|----------------------|----------------------|----------------------|----------------------|
| Biological Science 1 | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| General Chemistry 1 | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| Organic Chemistry 1 | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| Physics 1 | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| Calculus | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| Biochemistry | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |

2. Please list additional science courses you have completed which you believe will contribute to your success in the UPN program should you be selected as a 2017 UPN Scholar. Include the following for each course you list here:

| | Course Name | Credit Hours | Your Grade | Semester Completed | Institution |
|--|----------------------|----------------------|----------------------|----------------------|----------------------|
| | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |

7. Core Social Science Courses

1. If you have completed any of the core social science courses below, please fill in the following information:

| | Credit Hours | Your Grade | Semester Completed | Institution |
|------------------|----------------------|------------|--------------------|-------------|
| Statistics | <input type="text"/> | | | |
| Sociology | <input type="text"/> | | | |
| Psychology | <input type="text"/> | | | |
| Anthropology | <input type="text"/> | | | |
| Research Methods | <input type="text"/> | | | |
| Public Health | <input type="text"/> | | | |

2. Please list additional social science courses you have completed which you believe will contribute to your success in the UPN program should you be selected as a 2017 UPN Scholar. Include the following information for each course you list here:

| Course Name | Credit Hours | Your Grade | Semester Completed | Institution |
|----------------------|--------------|------------|--------------------|-------------|
| <input type="text"/> | | | | |

8. UPN Areas of Research

Our UPN scholars have access to cutting edge research opportunities in the following areas at the University of New Mexico's Health Sciences Center. You will be asked to rank your interest in these research areas on the next page of this application.

Infectious Disease and Immunity

Examples of Past UPN Projects:

- A. Regulation of β -glucan Exposure from Mannan Masking in *Candida albicans**
- B. Sex-dependent differences in susceptibility to methicillin resistant *Staphylococcus aureus* skin infection*

Brain and Behavioral Neurosciences

Examples of Past UPN Projects:

- A. Third Trimester Equivalent Alcohol Exposure Does Not Affect Acute or Long Term Hippocampal Neurogenesis*
- B. Effects of serotonin on spreading depolarizations in mice hippocampal slices*

Cancer Biology

Examples of Past UPN Projects:

- A. Trends in Hepatitis C and Hepatocellular Carcinoma in New Mexico*
- B. Effect of Perinatal Exposure to Bisphenol-A On Mammary Tumorigenesis in Mice*

Environmental Toxicology & Pharmacology

Examples of Past UPN Projects:

- A. Heavy Metal Exposure, Biomarkers of Autoimmunity and IL17 levels In Two Tribal Communities*
- B. Regulation of Histone Acetylation in Platinum Resistant Ovarian Cancer Cells*

Cardiovascular and Metabolic Disease

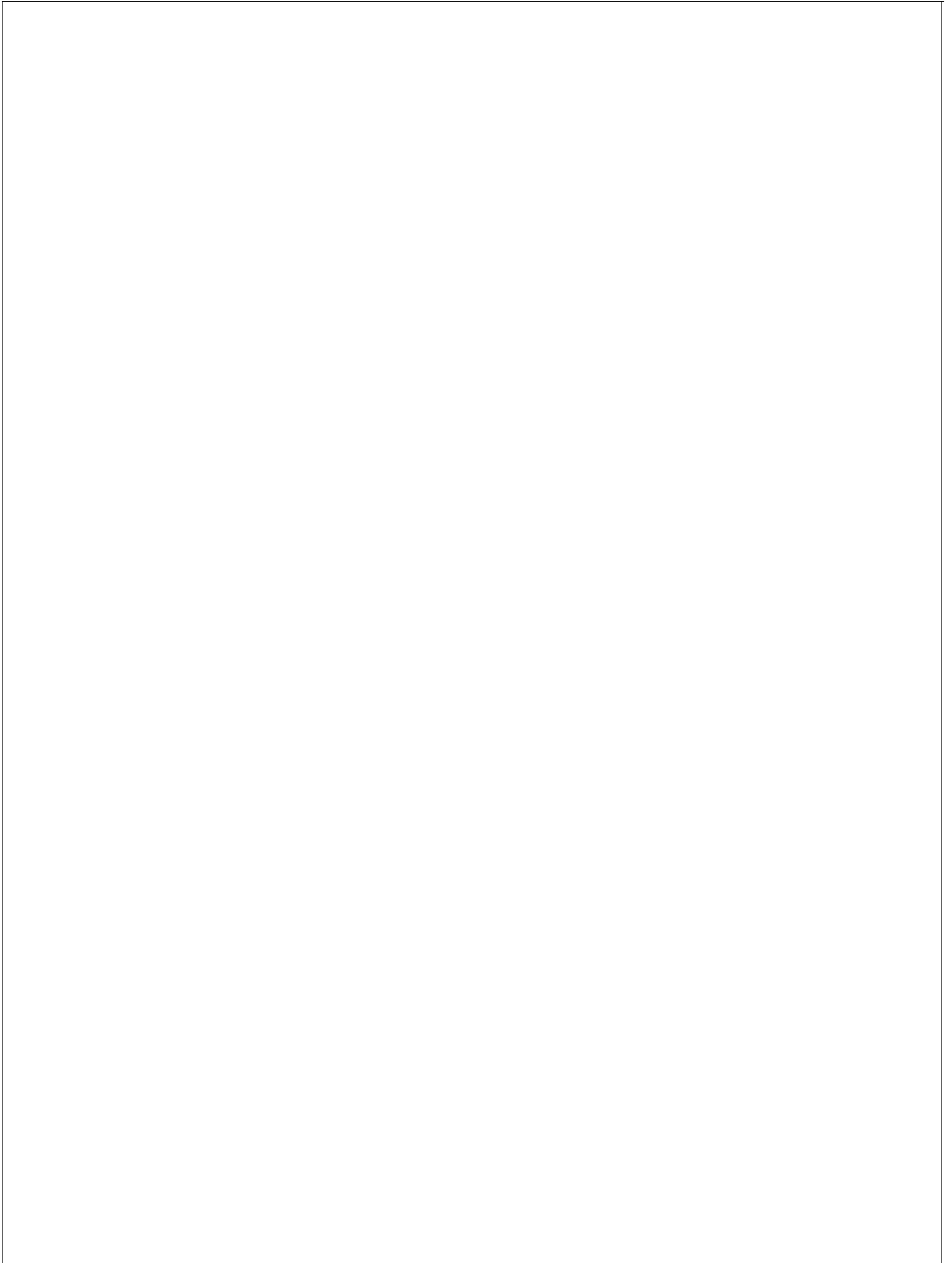
Examples of Past UPN Projects:

- A. Chronic Hypoxia Increases Endothelial Nitric Oxide Synthase Phosphorylation in Lungs from Neonatal Rats*
- B. The Niemann-Pick gene interacts with modifying gene PGC-1 to promote obesity in non-Hispanic Whites and diabetes in Hispanics*

Community-Based/Health Disparities

Examples of Past UPN Projects:

- A. Using Pedestrian Counts to Assess Community-Wide Interventions to Increase Physical Activity in Rural Cuba, NM Environmental Factors Influencing Drinking Water Consumption and Access in Rural Communities: Cuba, New Mexico*
- B. Colorectal Cancer Disparities and Physical Activity Distribution in Hispanics and Non-Hispanic Whites in New Mexico*



9. Research Interest

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* 1. Please review the possible areas of research and rank your interest in them from 1-6 with one (1) being your highest level of interest and six (6) being your lowest level of interest.

If you are offered a position as a 2016 UPN scholar, we will endeavor to place you in a research environment reflective of those areas you are highly interested in experiencing.

| | |
|----------------------|---|
| <input type="text"/> | Brain and Behavioral Neurosciences |
| <input type="text"/> | Cancer Biology |
| <input type="text"/> | Cardiovascular & Metabolic Disease |
| <input type="text"/> | Community-Based/Health Disparities |
| <input type="text"/> | Environmental Toxicology & Pharmacology |
| <input type="text"/> | Infectious Disease & Immunity |

2. Are you a UTEP BUILD Scholar?

- Yes
 No

* 3. Briefly describe why you are interested in your UPN research selection.

4. Which of the following schools might interest you after graduation?

(check all that apply)

Graduate School: Biomedical Sciences

Graduate School: Public Health

Medical School

Pharmacy School

None

Other (please specify)

5. What is your career interest?

6. Please briefly describe any course-related research or field experience (include dates).

7. Please describe any additional research experience including dates of project and mentor name.

8. Other obligations during the Summer 2016 (ex. fellowships, scholarships, summer coursework, employment, etc.)

Please note: The time commitment to the UPN program is extensive. Students must give a full-time effort which will include evening and weekend activities. Participants are prohibited from enrolling or participating in additional programs and/or courses if selected to participate in the UPN program.

* 9. Please select ALL the groups you are **uncomfortable** working with:

- Animals (ex. amphibians, birds, fish, insects, mammals, reptiles, etc.)
- Infectious Agents (some viruses, bacteria, fungi, protozoa, multicellular parasites, or prions)
- Patients
- Tissue (including blood)
- None. I am comfortable working with all groups related to research.
- I am uncomfortable working with the following unlisted group(s):

10. Personal Statement

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* 1. Insert your personal statement explaining why you would like to be considered for the UPN Summer Research Experience. Please ensure to address:

- your career goals
- reasons for wanting to engage in summer research
- how the UPN program fits into your career plan

Note that the system will not accept images.

The system limits text to 5000 characters or about 2 typed pages.

11. Letter of Recommendation

The UPN Program requires one (1) letter of recommendation to complete your application package. Please provide us with contact information for your reference. There are additional referee information sections here if you wish to submit more than one letter of recommendation.

Your referee(s) will be contacted by the program immediately upon your completion of this application. The referee(s) will submit their letter of recommendation and evaluation directly to the UPN confidential evaluation system. Although we will contact your reference for the letter of recommendation, it is your responsibility to ask your referee to write a letter of recommendation for you before you submit their information on this application.

* 1. I agree to waive my right of access to the letter(s) of recommendation and evaluation. I understand that the letter(s) of recommendation and the evaluations will remain confidential.

Yes

No, I wish to retain my right to view the letters. Please contact the UPN program at UPN-L@unm.edu for more information and additional instructions.

* 2. Reference Information: Please note that an email address for your referee is required. The UPN program does not confirm references by telephone.

Name:

Email Address:

University/Organization:

Title or Position:

Phone Number:

City/Town:

State/Province:

3. Reference Information:

Name:

Email Address:

University/Organization:

Title or Position:

Phone Number:

City/Town:

State/Province:

4. Reference Information:

Name:

Email Address:

University/Organization:

Title or Position:

Phone Number:

City/Town:

State/Province:

12. Criminal History

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1. Have you ever been convicted of, pled guilty to, or charged with a felony offense in any court?*

Yes

No

* 2. If you answered yes to the previous question, you must include a detailed explanation. Include location, dates, and case number. If applicable, provide the name and phone number of your parole or probation officer.

Enter N/A if you answered no to the previous question.

(Answering yes is not an automatic bar from admission to the program. Each case is considered on an individual basis.)

*****You are under a continuing obligation to immediately update your response to this question if your circumstances change after you submit this application and throughout the program if selected.*****

13. Applicant Signature and Agreement

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* 1. I certify that I have reviewed this application for completeness and accuracy and that the information contained herein is true, correct and complete to the best of my knowledge, information and belief.

I certify that I am at least 18 years of age.

I agree to provide all requested documentation.

I authorize the Undergraduate Pipeline Network to check my references, academic information and background.

I agree that the materials sent become the confidential property of the Undergraduate Pipeline Network and are not returnable.

I understand that I may be contacted for and may need to provide additional information.

I understand that my application is not complete and will not be considered until the UPN program has my completed application, coursework documentation form, letter of recommendation, unofficial transcripts and CV/resume.

I agree that misrepresentation in any statement or failure to abide by University and/or UPN regulations will be considered adequate grounds for denying admission, and/or rescission of acceptance, and/or removal from the program, which may include reimbursement of any disbursed funds.

Type your full name to
verify these statements

Date

14. Instructions to Complete Your Application

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DEADLINE: Midnight of February 15, 2017

Remember to send all required forms not completed online, i.e., current CV/resume and an unofficial copy of ALL college transcripts, to the UPN program. All documents may be submitted either via email (in PDF format), fax or regular US mail.:

Biomedical Research Education Programs

Undergraduate Pipeline Network

Summer Research Experience

MSCO8 4560, Fitz Hall B61

1 University of New Mexico

Albuquerque, NM 87131-0001

UPN-L@unm.edu

Phone: (505) 272-4087

Fax: (505) 272-8738

Your transcripts should be printed from your school's online system with the date and website in the margins.

***** Any emailed documents must be sent in PDF format. *****

You will receive an email confirming the completion of your application once we have received all of the following items:

- Online Application
- Letter of Recommendation (*submitted by your referee to the program via our online form*)
- Academic Resume/CV
- Unofficial transcripts

Once you click the "Done" button at the end of the application, your application will be submitted and you will not be able to come back to make changes.

If you have any questions or concerns about the application form or process, please contact the UPN Program at UPN-L@unm.edu or (505) 272-4087

Thank you !