

SENIOR

YOUR G. NAME

yourname@hotmail.com

64 Sesame Street Pittsburgh, PA 15217

(123) 456-7890

EDUCATION

University of Pittsburgh, Pittsburgh, PA

Molecular Biology Bachelor of Science Degree

December 2014(anticipated)

Chemistry and German minor

GPA 3.05

Community College of Allegheny County, Pittsburgh, PA

Biotechnology Associate of Science Degree

December 2011

GPA: 3.22

Laboratory coursework completed or in-progress:

Organic Chemistry, Chemistry 1 & 2, Biology 1 & 2, Microbiology, Honors Genetics, Immunology Lab, and Biotechnology Lab 1 & 2

Select relevant coursework:

Cell Biology, Neuroscience, Bioinformatics & Quality Assurance/Quality Control, Probability & Statistics, Analytical Geometry & Calculus, Honors Nutrition, and Medical Terminology

RESEARCH EXPERIENCE

University of Pittsburgh, Oakland, PA

May 2012 - present

Jacobson Laboratory, Department of Biological Sciences

"Abnormal calpain-mediated muscle protein degradation in C. elegans." Investigating signaling networks and physiological factors that regulate and promote autophagic muscle protein degradation in the animal model *C. elegans*

- Utilize RNA interference, mutant constructs, and drug treatments assessed by histochemical staining of the loss of reporter muscle protein to differentiate between interaction models

University of Pittsburgh, Oakland, PA

June 2011 - August 2011

Ferguson Laboratory, Department of Orthopaedic Spine Research

"Interactions of Annulus Fibrosus Cells and Adipose Stem Cells In Vitro, Implications for the Treatment of Intervertebral Disc Degeneration"

- Utilized mammalian cell culture techniques, quantitative bioassays, isotope incorporation, and histochemical staining

SELECTED LABORATORY SKILLS

- Instrument calibration
- Preparing reagents and media
- Aseptic technique
- Mammalian cell culture
- Laboratory, blood-borne pathogen, chemical, and radioactivity safety certified
- Microscopy
- Enzyme-Linked Immunosorbent Assay
- Spectrophotometry
- Histochemical staining
- Restriction digest
- Polymerase Chain Reaction
- Gel electrophoresis
- Gel blotting

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RESEARCH PRESENTATIONS

- Department of Biological Sciences Undergraduate Summer Symposium August 2012
Research Poster Presenter "*Abnormal calpain-mediated muscle protein degradation*"
- Tissue Center of Pittsburgh Poster Symposium August 2011
Research Poster Presenter "*Invertebral Disc Degeneration Treatment Using Fibrosus Cells*"
- Northeast Regional Honors Council Conference, Portland, ME April 2011
Research Poster Presenter "*Mitochondrial DNA and its Relationship to Health and Disease*"

HONORS AND AWARDS

- Department of Biological Sciences Mentor/Mentee Fellowship for Undergraduate Researchers
May 2012-August 2012
- Pittsburgh Tissue Engineering Initiative Summer Research Intern May 2011-August 2011
- National Science Foundation Biotechnology Workforce Collaborative Scholarship August 2010 - December 2011
- Honors Program, Honors Society - Phi Theta Kappa January 2010, February 2011

ACTIVITIES

Community College of Allegheny County, Pittsburgh, PA
 Honors Leadership 1 & 2 - *Earth Day Service Learning Project* October 2010, March 2011

SENIOR

Your Name

yourname@comcast.net

(123) 456-7890

Current

777 Sesame Place Apartment 9
Pittsburgh PA 15260

Permanent

1234 Happy Run Lane
Franklin PA 97189

EDUCATION

University of Pittsburgh, Pittsburgh, PA <i>B.S. in Molecular Biology, Chemistry Minor</i> Area of Concentration: Cell and Developmental Biology Dean's List (2011-2013) GPA 3.65	2010-2013
Sesame Township High School, Franklin, PA <i>Distinguished Scholars Diploma</i> Valedictorian	2007-2011

FELLOWSHIPS AND SCHOLARSHIPS

Academic Year Research Fellowship, University of Pittsburgh	2012-2013
University Scholarship, University of Pittsburgh	2010-2013
Pinnacle Health Scholarship	2010
Kiwanis Outstanding High School Fellowship Scholarship	2010

RESEARCH EXPERIENCE

Dr. Jon Boyle's Lab- <i>Toxoplasma gondii</i>, Pittsburgh PA Pharmacological inhibition of nonhomologous end joining to improve homologous recombination rate in genetic manipulation of <i>T.gondii</i> Skills: PCR, transformation, cell culture work, transfections, DNA cloning, compound growth assays with luminometer, growth plaques, immunofluorescence, microscopy work	2011-Present
Molecular Genetics course lab, Pittsburgh PA Skills: RNA harvesting, reverse transcription, designing primers, splicing reactions	2012
Organic Chemistry course lab, Pittsburgh PA Skills: Distillation, compound purification, gas chromatography, TLC, column chromatography, organic compound synthesis, IR/NMR	2010

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PAPERS AND PRESENTATIONS

- "Differential gene expansion distinguishes *Toxoplasma gondii* and *Neospora caninum*" 2012
Paper submitted to *mBio*, Under Review
- "Improving the Ability to Genetically Manipulate the Human Pathogen *Toxoplasma gondii* Using Pharmacological Approaches to Inhibit Non-Homologous End-Joining" 2012
Science 2012 Research Symposium, Pittsburgh PA, poster
- "Wortmannin: A Pharmaceutical Approach to Improving Homologous Recombination in *Toxoplasma Gondii*" 2012
Summer Undergraduate Research Symposium, Pittsburgh PA, poster

AWARDS

- Science Olympiad 1st in state in Experimental Design 2008-2010
- Key Club International Delegate 2008,2009
- American Chemical Society Outstanding High School Student 2008

RESEARCH RELEVANT COURSES

Molecular Biology, Cell Biology, Developmental Biology, Metabolic Pathways, Macromolecular Structure and Function, Genetics, Organic Chemistry, Physics, Calculus, Statistics

MEMBERSHIPS

- Tri Beta Biological Honors Society 2010-2013
- Circle K (Service Organization) 2010-2012
- Pitt Program Council (Service Organization) 2010-2012

OTHER WORK EXPERIENCE

- Hollister Co, Sales Associate, Harrisburg PA 2009-2010
- Bagel Lovers, Cashier, Harrisburg PA 2010
- CVS Pharmacy, Pharmacy Technician, Harrisburg PA 2009
- Rita's Italian Ice, Cashier, Harrisburg PA 2007-2008

SENIOR

Your L. Name

1234 Bard St. #2146 • Pittsburgh, PA 15217
Phone: 123-456-7890 • E-Mail: you@gmail.com

Education

University of Pittsburgh, Pittsburgh PA

Major: Microbiology

Minor: Chemistry, Spanish

GPA: 3.52

Honors College: Honors College Full Tuition Scholarship

Dean's List: Aug 2010- Dec 2012

Anticipated Graduation date: May 2014

Billings Senior High School, Billings GA

Graduated with high honors May 2010

Research Experience

University of Pittsburgh, Principal Investigator: Dr. Jon Boyle

Studying the putative role of prion-like proteins in *Toxoplasma gondii* infection.

Skills: Genetic manipulation of eukaryotes and prokaryotes, DNA and protein analyses, cell culture. Jun 2012-present.

Independent Research, Supervisor: Dr. Amaya Costas-Garcia, Billings, MT

Worked independently using microbiology to address environmental issues local to Montana, including fermentation of sugar beet waste to create methane and developing an in-situ bioremediation method to counteract a freshwater oil spill.

Skills: Designed and constructed my own equipment. Dec 2009-Jun 2010.

Publications/Presentations

"Differential gene expansion distinguishes *Toxoplasma gondii* and *Neospora caninum*."

Yaw Adomako-Ankomah, Gregory Wier, Adair Borges, Hannah Wand, and Jon Boyle. mBio. Submitted. Dec 2012.

"Examining the *Toxoplasma gondii* proteome for prionogenic proteins"

Presented at Science 2012, University of Pittsburgh, Oct 2012 Presented at Summer Undergraduate Research Symposium Aug 2012.

"The Effects of Nutrient Supplementation on In-Situ Bioremediation"

Presented at Deaconess Science Fair, Billings MT, Mar 2010. Awarded 1st place, MT representative at Stockholm Junior Water Prize, St. Louis, Jun 2010.

MT representative at International Science and Engineering Fair, San Jose, May 2010

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Awards and Honors

- Goldwater Scholarship Nominee, University of Pittsburgh, 2012
- Howard Hughes Medical Institute (HHMI) Academic Year Research Fellow, University of Pittsburgh, 2012-2013
- HHMI Summer Undergraduate Research Fellow, University of Pittsburgh, 2012
- Dean's List, University of Pittsburgh, 2012-2013
- National Society of Collegiate Scholars member
- National Merit Scholar
- University of Pittsburgh Full Tuition Honors Scholarship
- University of Pittsburgh OS Freshman Scholarship
- National Honors Society, Billings Senior High School, 2009-2010
- President's Outstanding Academic Achievement Gold Award, 2010

Additional Work Experience

Gloria Albright Accounting

Office Assistant- Filed confidential tax documents, updated customer accounts. May 2011-Aug 2011

Paciugo Italian Gelato

General worker- Prepared and served food, cashiered. Jun 2008-Aug 2010

Whitten and Borges Structural Engineers

Records Manager- maintained long term filing system of engineering plans and documents. May 2004-Aug 2010

Rimrock Opera Company

Assistant Hair and Makeup Artist. Mar 2009- Mar 2010.

SENIOR

YOUR NAME

123 Sesame Dr.
Lakeview, GA 95801
(124) 345-5678
yourname@gmail.com

EDUCATION

University of Pittsburgh 2008-present
School of Arts and Sciences, Pittsburgh, PA
Major: Ecology and Evolution
Minor: Chemistry
Anticipated graduation: December 2013
GPA: 3.3

RESEARCH EXPERIENCE

University of Pittsburgh, Department of Biological Sciences, Pittsburgh, PA 2012-present
Research Fellow
Collect and analyze data to determine the influence of larval nutrition on nuptial gift-giving in Cabbage White butterflies (*Pieris rapae*) with a focus on mating investment strategies, male coloration in relation to nuptial gift giving, and nutritional content of nuptial gifts.
Supervisor: Dr. Nathan Morehouse

University of Pittsburgh, Pymatuning Laboratory of Ecology, Linesville, PA Summer 2012
Ecology 101 Course Research Project
Designed a research project on whether silver shiner minnows (*Notropis photogenis*) used the American lotus (*Nulembo lutea*) as habitat. Collected and analyzed data and wrote results in a publication-style format.
Supervisor: Dr. Timothy Nuttle

Animal Rescue League, Wildlife Center, Verona, PA 2011
Rehabilitation Assistant Intern
Assisted in conducting exams, prescribing and administering medication/treatments, and providing daily husbandry and nutrition for various species of native wildlife.
Supervisor: Maria Pyrdek

University of Pittsburgh, Department of Biological Sciences, Pittsburgh, PA 2010
Research Assistant
Used digital imaging to collect, enter and analyze data on mole salamanders (*Ambystoma sp.*) to examine phylogenetic patterns of predator-induced phenotypic plasticity.
Supervisor: Dr. Rick Relyea

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ADDITIONAL FIELD EXPERIENCE

Chronic Wasting Disease Check Station --Volunteer PA Game Commission, Bolivar, PA	November 2011
Bear Check Station --Volunteer PA Game Commission, Bolivar, PA	October 2012

PRESENTATIONS AND POSTERS

Roberts, N. S., Bartoch, C. M., Saleh, N. W., Luna, E. N. and Morehouse, N. I. (October 2012). Influence of larval nutrition on nuptial gift giving in Cabbage White butterflies, *Pieris rapae*. Translation Science 2012, University of Pittsburgh, Pittsburgh, PA.

Roberts, N. S., Bartoch, C. M., Saleh, N. W., Luna, E. N. and Morehouse, N. I. (July 2012). Influence of larval nutrition on nuptial gift giving in Cabbage White butterflies, *Pieris rapae*. Undergraduate Research Symposium, University of Pittsburgh, Pittsburgh, PA.

Roberts, N.S., and Pyrdek, M. (October 2011). Raptor handling procedures for medical examinations. Video presentation at Raptor Handling Workshop, Animal Rescue League, Wildlife Center, Verona, PA.

AWARDS, DISTINCTIONS AND FELLOWSHIPS

Dr. Richard T. Hartman Scholarship, University of Pittsburgh, Pittsburgh, PA Support for summer studies at Pymatuning Laboratory of Ecology	2012
Dean's List, University of Pittsburgh, Pittsburgh, PA	Fall 2008, 2009-2010 Spring 2011- 2012

RESEARCH FELLOWSHIPS

Parallel Projects Fellowship Department of Biological Sciences, University of Pittsburgh, Pittsburgh, PA	Summer 2012
Academic Year Research Mentoring Fellowship Department of Biological Sciences, University of Pittsburgh, Pittsburgh, PA	Fall 2012

LEADERSHIP EXPERIENCE

Sci-Tech Festival High School Program-- Presenter Carnegie Science Center, Pittsburgh, PA	November 2012
Leadership & Teambuilding Workshop --Participant Outdoor Odyssey, Boswell, PA	March 2010

RESEARCH SKILLS

Laboratory

Nutritional composition measurements using colorimetric assays
Color measurements using spectrophotometry
Digital image analysis
Microdissection
Animal rearing and husbandry
Wildlife health evaluations
Prescription and non-invasive administration of medication to wildlife
Performing necropsies and evaluating cause of death in wildlife

Field

Orienteering
Vegetation sampling
Basic tree identification
Mark recapture of small mammals
Stream invertebrate collection using kick seine technique
Invertebrate collection using Berlese funnels, aerial nets, etc.

Computer

ArcGIS 10 (beginner to intermediate)
Image J (beginner to intermediate)

JUNIOR

YOUR FULL NAME

24 Rodelf St • Pittsburgh, PA 23456
yourname@gmail.com • 123.456.7890

Education

University of Pittsburgh (*Pittsburgh, PA*), 2014 (anticipated)

BS, Biological Sciences

BA, Russian Studies

Chemistry, French, German, Theater Performance minors

Current GPA: 3.65

Favorite High School (*Southbend, GA*), 2011

High School Diploma

Valedictorian

Research Experience

University of Pittsburgh, Biological Sciences, Sept. 2011 - present

Lab of Jonathan Pruitt, PhD

Perform research on the incidence, causes, and consequences of sexual cannibalism in various species of spiders.

Georgia Health Sciences University, Cell Biology and Anatomy, Summer 2012

Lab of Patricia Schoenlein, PhD

Investigated the use of histone deacetylase inhibitors to upregulate pro-death proteins in breast cancer cells; assessed sensitivity of treated cells to conventional chemotherapy treatment.

University of Pittsburgh, Dept. of Chemistry, Spring 2012

Honors Organic Chemistry Course Lab project

Under supervision of George Bandik, PhD

Developed potential organic syntheses designed to increase the uptake of creatinine (a common athletic supplement) in the human body. Carried out several syntheses and verified identity of product.

University of Pittsburgh Medical Center, Dept. of Otolaryngology, Spring 2011

Lab of Bill Yates, PhD

Mapped neural networks associated with vestibular regulation of blood pressure in cats.

Publications/ Presentations

Yourname, Gadd RDH, Sweeney K, MacDonald L, Eng RYY, Hess ZL, Pruitt JN (*in press*) Sexual cannibalism is associated with female behavioral type, hunger state, and increased hatching success. *Animal Behaviour*.

Sweeney, K; Gadd, R; Yourname, N; Pruitt, JN (*in review*). Assessing the effects of rearing environment, natural selection, and developmental stage on the emergence of a behavioral syndrome. *Ethology*.

“Causes and Benefits of Sexual Cannibalism.” Poster Presentation. *Science 2012*.
University of Pittsburgh: Pittsburgh, PA. 2012

“Induction of BimEL Expression By HDAC Inhibitors Increases Paclitaxel Induced Apoptosis in Breast Cancer Cells with Inherently Low BimEL Levels.” Poster Presentation. Georgia Health Sciences University: Augusta, GA. 2012

“Implications for Behavioral Syndromes in Sexual Cannibalism” Poster Presentation. *Undergraduate Honors Research Fair*. University of Pittsburgh: Pittsburgh, PA. 2012

Teaching Experience

CHEM 0750 (Honors Organic Chemistry Lab), Teaching Assistant, Spring 2013

CHEM 0310 (Organic Chemistry 1) Teaching Assistant, Fall 2012

BIOSC 0370 (Ecology) Teaching Assistant, Fall 2012

Tutor, General Chemistry

Awards and Fellowships

2012, HHMI Academic Year Mentoring Fellowship

2012, Chancellor's Undergraduate Teaching Award

2010, University of Pittsburgh Medical School Guaranteed Admission Program

2010, University of Pittsburgh Chancellor's Scholarship

2010, United States Presidential Scholar

JUNIOR

Your P. Name

yourname@gmail.com

Education

University of Pittsburgh: (2011 -present)

Majors: Microbiology, Philosophy

Minor: Chemistry

Certificate: Conceptual Foundations of Medicine

GPA: 3.30

Full Tuition Honors Scholarship

Expected Graduation: Spring 2015

Feingold High School: (2007-2011)

Graduated as Valedictorian

GPA: 4.00

Research Experience

Researcher ~ Dr. Beth Roman, Univ. of Pittsburgh Dept. Biological Sciences (Spring 2012 - present)

- Using zebrafish embryos as a model organism to study vascular development and model the human disease Hereditary Hemorrhagic Telangiectasia (HHT), caused by heterozygous loss of *ALK1*
- Examining the role of blood flow in the *alk1* regulatory mechanism

Academic Course Research:

BIOSC 0067: Foundations of Biology II Special Lab, University of Pittsburgh (Spring 2012)

- Researched effects of multiple Aquaporin 2 mutations on water transport ability using yeast as a model organism
- Mutations being analyzed were previously characterized or novel mutations found in patients with Nephrogenic Diabetes Insipidus (NDI)

Fellowships

Dept. Biological Sciences Academic Year Mentoring Fellowship ~ Fall 2012- Spring 2013

- Participate in weekly meetings to discuss research, ethics, and mentoring

Dept. Biological Sciences Undergraduate research Mentor/Mentee Fellowship ~ Summer 2012

- Participated in weekly meetings to present research, discuss selected journal articles, and learn about mentoring and being mentored
-

Presentations

Poster Sessions:

- Science 2012 Undergraduate Poster Session, University of Pittsburgh ~ October 2012
- Summer Undergraduate Research Symposium, University of Pittsburgh ~ August 2012

Leadership & Service:

Business Manager of the Pitt Club Tennis Team (2012-present)

- Managed the team budgets
- Worked closely with president to plan tournaments and practice schedules

Volunteer in Patient Relations Division at Shadyside Hospital (50 hrs)

- Ensure patients are receiving exceptional care from the nursing staff
- Relay any concerns to Patient Relations Coordinators to resolve issues
- Cheer up patients by talking with them

Teaching Assistant for Dr. Michael Golde ~ University of Pittsburgh Chemistry Department (Fall 2012-)

- Taught recitation sections (1 hr/wk)
- Graded homework and quizzes
- Led review sessions for students before exams
- Attended weekly meetings to discuss effective teaching strategies (1.5 hrs/wk)

Honors & Awards:

Ella P. Stewart Award -Awarded to top students in Introductory Biology I and II (Fall 2011)

Deans Star List ~ Fall 2011, Spring 2012, Fall 2012

University of Pittsburgh Chapter of the National Society of Collegiate Scholars (2011)

Work Experience

Assistant at Glen Creek Tennis Club, South Park, PA (2009-2011) ~ 15 hrs/wk

- Worked at the front desk, scheduled court time
- Performed upkeep duties on outdoor courts
- Maintained records on customer purchases and debits

SOPHOMORE

123 E Favorite St.
Washington, AZ 95443

Your N. Name

(123) 456-7890
yourname@gmail.com

EDUCATION

University of Pittsburgh
Bachelor of Science in Chemistry
Expected Graduation 2015

RELEVANT COURSEWORK

Calculus I, II & III, Biology I & II, Biology Lab I & II, Chemistry I & II,
Psychology, Statistics, Human Physiology, Analytical Chemistry, Analytical
Chemistry Lab, Organic Chemistry Lab 1,

RESEARCH

- Work with Dr. Nathan Morehouse and ecology research team
- Research to determine the morphology of a specific reproductive structure in the Cabbage White Butterfly (Lepidoptera) and currently investigating the development of the reproductive tract in the Cabbage White Butterfly
- Skills:
 - Statistical modeling
 - Microscopic dissections
 - Handling and rearing of Lepidoptera lab colony

PRESENTATIONS

- Evolution of Reproductive structures of the female Cabbage White Butterfly (poster)
Translation Science 2012, University of Pittsburgh, October 2012
- Reproductive structures of the female Cabbage White Butterfly (poster)
Biological Department, University of Pittsburgh, Undergraduate Research Symposium, Summer 2012

FELLOWSHIPS AND HONORS

- Academic Year Fellowship in Research Mentoring at University of Pittsburgh, Aug. 2012- present
- Summer Undergraduate Research Fellowship, Department of Biological Sciences, University of Pittsburgh, Funded by HHMI, 2012

TEACHING AND LEADERSHIP

Pre-Medical Organization for Minority Students

- Co-conference chair- to helped coordinate annual medical conference for 200 students. Jan. 2010- Nov. 2011
- Pre-Professional Development Chair- Inform members about opportunities to become familiar with the profession of their interest and coordinated appointments with Pre-Med advisor. Jan. 2012- September 2012

Robert Language Media Center at the University of Pittsburgh, Media Assistant January 2012

- Assist professors and computer lab users by helping them use the computer, start the projector, digitize or burn CDs

Chaparral Pines, Youth Counselor and Fitness Center Assistant, August 2008- August 2011

- Worked with kids in the crafts department and outdoor recreational department
- Maintained cleanliness of fitness center for member comfort
- Responsible for opening and closing the facilities
- Developed leadership by training new employees

LANGUAGE SKILLS

- Bilingual- Spanish and English

FRESHMAN

Your Name

xxx130@pitt.edu
(211) 111-5111

EDUCATION

University of Pittsburgh

August 2013 – present

Prospective Major: Bachelor of Science in Biological Sciences

Anticipated Graduation Date: April 2017

GPA: 3.64

Livingston High School, Livingston, NJ

High School Diploma June 2012

GPA: 3.3

RESEARCH EXPERIENCE

Introduction to the Biological World I 0190 Lab

Fall 2013

Skills: Gel electrophoresis (Protein and DNA); Protein purification; Fluorescent labeling; Microscopy (epifluorescence, laser scanning, confocal, bright-field dissecting microscopy); Basic genetic screening

Introduction to the Biological World II 0191 Lab

Spring 2014

Skills: Isolation of DNA plasmid

HONORS & AWARDS

Dean's List, University of Pittsburgh

Fall 2013

National Honors Society, Livingston High School, Livingston, NJ

2011-2013

WORK & LEADERSHIP EXPERIENCE

Premedical Organization for Minority Students

Fall 2013 - present

- Club member at University of Pittsburgh
- Attend weekly meetings about the field of medicine

Fort Washington Swim and Tennis Club

Pool Manager

summer 2012

- Supervised four lifeguards per shift
- Responsible for patron safety, pool, grounds, and snack bar maintenance
- Interacted with diverse patrons and staff members
- Acted as an intermediary between patrons and owner

Lifeguard

summers 2009-2011

VOLUNTEER EXPERIENCE

Care Hospice, Clarks Summit, PA

summer 2012 - present

- Provided spiritual and emotional care to various patients
- Assisted in families in locating rooms in the facility
- Organized a weekly music hour

Reading Buddies, Livingston School District, NJ

2010-2012

- Mentored high school students
- Read with elementary and middle school aged students