
Biomedical Scholars Association

— General Body Meeting 03/11/19 —

Agenda

- Sign in
- Grab food
- Introductions
- Introducing BSA Founder, Dr. Jennifer Cohen
- Upcoming Events
- Resume/CV Workshop by Dr. Pat Phelps

Introduction of BSA founder, Dr. Jennifer Cohen



Lecturer

Haas School of Business

UC Berkeley

Upcoming BSA Events:

Check our website for up to date information on events!
<https://www.bsajhmi.org/>

- LGBTQ Life Hosted Workshop: Emotional Intelligence and Diversity
 - Thursday March 21st 2-4PM in GSA lounge
- Moveable Feast
 - Saturday March 23rd 12-3PM
- April general body meeting
 - Monday April 8th at 12:30PM in SPH
 - E-board meeting Thursday April 4th at 5PM
 - Email Beza or Sara if interested in attending



BIOMEDICAL SCHOLARS ASSOCIATION
PRESENTS THE

1ST ANNUAL FLEMI AWARDS

April 18th at 6pm
Mountcastle Auditorium

Inspired by
Alexander Fleming's discovery of penicillin

Showcase your worst, ugliest, or most
embarrassing gel/blot, email
correspondence, data analysis, etc.
Win prizes.

Send in your submission by **5pm on April 11th**
<https://goo.gl/forms/aIQfUo4Yeyfm05e12>

James E.K. Hildreth

2019 Lecture

Tuesday, April 30th – 2:00 p.m.
PCTB Mountcastle Auditorium



Should I Stay or Should I Go?

Frontocortical Mechanisms of
Adaptive Learning and Effort



Alicia Izquierdo, Ph.D.

Associate Professor of Psychology
Member, Brain Research Institute
University of California, Los Angeles



Hosted by:



JOHNS HOPKINS
MEDICINE

Biomedical Scholars Association



The Solomon H. Snyder
Department of Neuroscience
THE JOHNS HOPKINS UNIVERSITY

Resume/CV Workshop with PDCO's Dr. Pat Phelps

Resumes

Pat Phelps, PhD

Director, Professional Development and Careers

Resume

Content: Summary of your qualifications as they relate to a specific position

Length: 1 to 3 pages

Focus: Contribution based – How did you make a difference

References: No

Versions: Many, Target to each job

Style and format: Very important, Easy to read and understand brand

Use: Non academic careers

Publications: When relevant

CV

Content: Detailed list of ALL your professional and educational history

Length: Not restricted

Focus: Expertise based: What makes you an expert in your field

References: Yes

Versions: One is enough

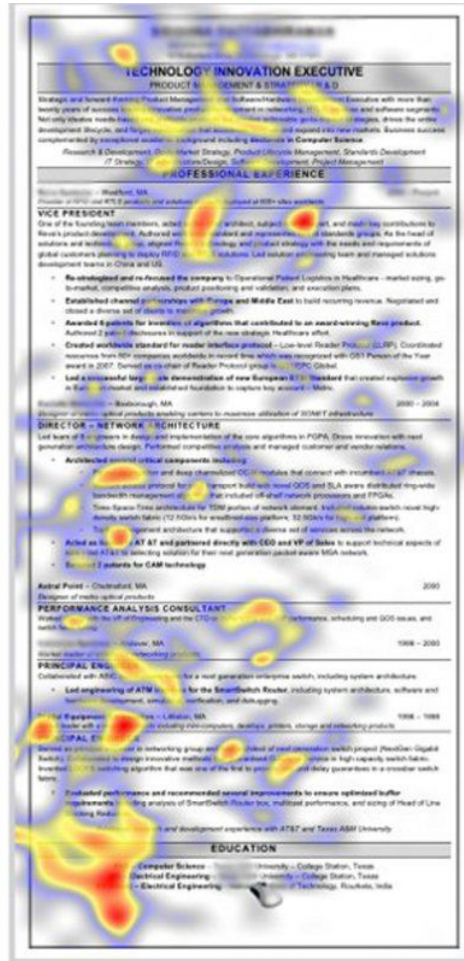
Style and format: Not important, content matters

Use: Academic careers and awards

Publications: Full List

Types of Resumes

- **Chronological** – Starts by listing your work history. Preferred by employers.
 - This type of resume is excellent for applicants who have a strong and progressive work history relevant to the position.
- **Hybrid** – Lists your skills and experience first followed by your employment history.
 - This type of resume allows you to highlight the experience that fits the position AND includes the chronological work order employers prefer.
- **Functional** – Focuses on your skills and experience rather than your work history.
 - This type of resume is excellent for applicants who are changing careers or have gaps in their work history.



Resume heat map and eye tracking research – 30 recruiters over 10 week period.

Quantify your impact, use metrics



Bullets should include metrics and impact

- Responsible for maintenance of X-Ray Fluorescence spectrophotometer

- Maintain and Troubleshoot X-Ray Fluorescence Spectrophotometer resulting in 30% less downtime and increased lab efficiency



How Can You Improve This Profile Statement?

I am a PhD scientist with excellent communication skills who works well independently and in a team environment.



PhD Biochemist with 12 years experience leading teams comprised of clinicians and basic scientists. Two national conference awards for communicating science and three first author publications, one in Nature.

Better

- Meticulous biochemist with 7 years of mass spectrometry experience developing applications for novel ionization techniques, specializing in proteomic and chemical analyses. Two national conference presentation awards and three first author publications, including Nature publication. Leadership experience managing 12 member postdoctoral association board that serves 1,800 trainees with a \$23K annual budget.

SHOW ME

- Detail oriented scientist: Created standard operating procedures for laboratory instrumentation that have resulted in zero errors
- Detail oriented scientist: Coded and organized genomic data for multi-institution sequencing project; spearheaded data management efforts for 2 million-entry dataset and reduced error rate by 80 percent.
- Excellent communication skills: Awarded best poster presentation at ASCB international conference (1st out of 77)
- Team leader: Served as chief representative and head speaker for teams in the JHU Equity Research Stock Pitch Competition and the JHU Boot Camp for Technology Entrepreneurs Business Pitch Competition that both resulted in 1st place

Impactful Bullet Examples

- Ph.D. work has led to two successful R21 grant applications, a Goldman Foundation Grant, a Ruth L. K Ruth L. Kirschstein National Research Service Award (NRSA) and a two R01 applications totaling over \$480,000 in grant funding
- Supervised and trained junior biomedical engineers, undergraduate and high school students, and served as head TA for five biomedical engineering courses which included direct teaching responsibilities to over seventy-five students
- QC testing of SEC, IEX, RP, HILIC and HIC columns sold commercially to within a window of 0.1 minutes of specific retention times and $\pm 10\%$ of the number of theoretical plates listed in SOPs

EXPERIENCE

Chemical Biology PhD Candidate

August 2010 – Present

Johns Hopkins Medical Institution, Baltimore, Maryland Area

- Advisor: Jun O. Liu Ph.D. Developed novel method of chemically modulating protein-protein interactions to affect previously ‘undruggable’ targets. Spearheaded efforts to develop a lead compound from synthesis to animal studies.
 - Created a 45,000 member small molecule library. Repurposed and fabricated new instruments for synthesis, purification, and characterization.
 - Identified a potent and selective inhibitor of human equilibrative nucleoside transporter 1, and demonstrated significant relief from ischemia reperfusion injury in mouse models.

Executive Summary

- Molecular Biologist with 8 years experience designing and executing microbial pathogenesis experiments.
- Published 6 first author and 3 co-author manuscripts in high-impact scientific journals.
- Utilized CRISPR/Cas9 technology to identify and study mammalian genes that influence host susceptibility toward chronic infection; proficient in next generation sequencing technologies.
- Results-oriented leader: co-founded 76 member science outreach program that garnered \$15K in funding and served 450 students in 2015.

Industry Specific

Developed Transgenic Mouse Model

- Industry: Developed a cystic fibrosis transgenic mouse model that resulted in 8 peer reviewed publications and \$3.6 Million in grant funding.
- Project Management: Developed strategy and implemented 2.5 year \$1.3 M project in collaboration with institutional core facility and external academic partner. Project resulted in \$3.6 M in additional funding.
- Regulatory Affairs: In collaboration with institutional Animal Care and Use Committee (IACUC) and Biological Safety Committee submitted and gained all necessary documentation to develop transgenic mouse model for cystic fibrosis. Documents were completed 6 weeks ahead of schedule.

Industry Specific

Mentored 3 undergraduate students

- Industry: Responsible for hiring, supervision, and performance review of three junior scientists
- Science Administration: University of Michigan's EXPLORE program mentor for undergraduates from underrepresented groups, 2010 through 2012
- Consulting” Effectively communicated and transferred complex technical information to junior personnel. Used expertise to assist junior personnel with problem solving.
- Project management” Empowered project staff to meet quality standards, use resources effectively and deliver tasks on time.



**Job
Requirements**

You

ACADEMIC CV

- Visually appealing
 - White space | 11/12 point font | consistent formatting but limited special formatting
- Clearly defined sections that highlight strengths and guides reader
- Order – Place most relevant or unique qualifications on or immediately following first page
- Balance – percentage of CV content on research, teaching, service should match job requirements
- Reverse chronological order
- US CVs do not include pictures or personal information – understand convention of country
- First piece of information should be your name and not Curriculum Vitae