

Job Search Strategies for Clinical Pharmacologists

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Answering the two most common job search questions

- How do I create the best possible application documents (CV, resume, letters, statements) so that I will get the most interviews?
- I've heard that all specialized jobs are found with the help of other people (referrals, networking, inside tips). What does that mean? How do I get people to help me?





My answers to these two questions may not apply to faculty job search processes



Academic faculty hiring process

- Budgets secured, committee formed
- Position priorities determined, job is posted
- Applications reviewed individually, consensus in committee
 - Many documents are skimmed to make the first cut
- Phone interviews
- Campus visits, job offers and negotiations
- Total time = 9 months

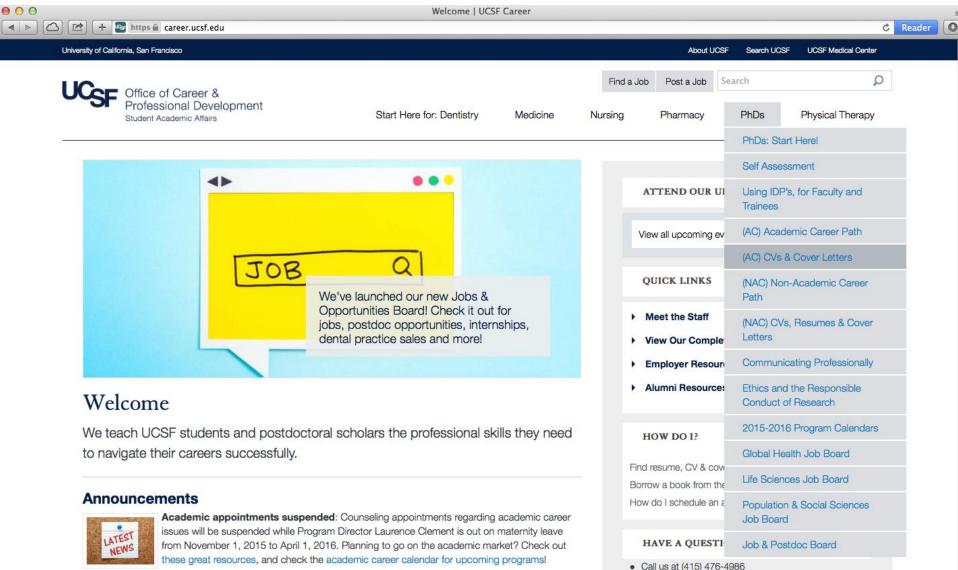


Academic faculty hiring process

- Many documents are skimmed to make the first cut
 - Pedigree: see CV
 - Fit clinical/teaching/research: see CV and Cover Letter
 - Reputation, Ability, Collegiality: see Reference Letters
 - Productivity: see CV (pubs, degree rate, teaching)
 - Research promise: see CV (funding history); research statement
 - Research/teaching statements may be read carefully, or not



Academic job search resources: career.ucsf.edu



Academic job search resources: Complete tutorial for faculty applications

ersity of California, San Francisco				About L	JCSF Search UCSF	UCSF Medical Center
			Find a Job	Post a Job	Search	Q
Office of Career & Professional Development Student Academic Affairs	Start Here for: Dentistry	Medicine	Nursing	Pharmacy	PhDs	Physical Therapy
					Home » Applying	g to Faculty Positions
New Academic Career Resources	Applying to F	Faculty F	ositions			
Developing application materials for faculty positions.	Print Share PE					
It's time to shift your mindset.						
They are not looking for a trainee but for a colleague. Image:	You have identified the type of positions. Here is how to get started with 1. Search for positions 2. Create your materials 3. See samples of successful 4. Get feedback on your materials 5. Attend our Applying for F What types of materials? Faculty application packets the Research Statement and/or a Who will read the material	th this section of ful applications aterials and answ faculty Positions of ypically include a a Teaching Stater	the website: ers to your questio seminar Cover Letter, a Cur	ns. rriculum Vitae		
Academic Career Planning Stages	The materials will first be scre faculty members may come a experts. Once you are invited department.	a wide range of b	ackgrounds, so it's	best to write	the materials for e	educated non-
Stage 1: Decide	How will they read it?					
Stage 2: Explore Stage 3: Prepare	Faculty members often need you are a promising candidat					
Stage 4: Apply Search for positions Create your materials	Go back to the Plan	ning your A	cademic Car	eer page		



See samples of applicationsAttend a Material Review Workshop

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Academic job search resources: Sample (successful) application packages, annotated

	Marie Curie, Ph.D.	bold	. Reme	ame is large and in ember to include your d degree(s)!
Universi P.O. Boy San Fran	ne Institute of Cardiovascular Disease ty of California, San Francisco (× 419100 teisco, CA 94141-9100 -7500 (office) University of California, Davis Molecular, Cellular, and Developmental Biology P Advisor: Srinivasa Ramanujan, Ph.D. Committee: C.V. Raman, Ph.D., J. Sarabi Thesis: Name of thesis here. Xavier University, Cincinnati, OH Biology, cum laude University College, Oxford University, Oxford, Study Abroad Program Specialized tutorial in Philosophy of Scient	hai, Jr., Ph.D. May 000(England Fall 0000	in action of the second	is not necessary to clude your home ddress. But if in the iture you will want ocuments sent to that ddress due to special rcumstances, then cluding it here ensures hat the department has ne address. Marie right-justified all of her dates throughout the CV. Aligning all dates along the right side gives the document a very clean look. To do this in Microsoft Word, go to menu "Format""Tabs". Choose "right" for alignment of your right-
HONOF	RS & AWARDS			most tab.
-	GAANN Fellowship, UC Davis Phi Beta Kappa	0000-0000		If the honors you list are not self- explanatory or well- known, give a short
	Thom Prize in Biology, Xavier University	0000)	description (ex., how you were
	Senior Service Award, Xavier University	0000	,	selected as an awardee).
	Lydia Jones Library Prize, Xavier University	0000		Remember to define acronyms
	Sigma Xi	1990)	(GAANN = ?)
	Best Seminar in Plant or Microbial Biology West Coast Undergraduate Research Conference in the	1990 he Biological Sciences		
	3	Marie Curi	e, Ph.D.	



The first page of your CV is "prime real estate." Unless you have a particular

Industry/Business Hiring Process:

Step 1: Human Resources – Is the candidate a general fit for the position description? Cover letter (10 seconds); resume (20 seconds)

Step 2: Goes to hiring manager (future boss). Phone interview? Cover letter (10 seconds); resume (1-2 minutes).

Step 3: Phone interview(s) with HR and/or Hiring Manager. Invite for site visit?

Step 4: Site visit includes interviews with 1-10 scientists/mgrs; possible job talk with interdepartmental audience. Offer?

Total time, Steps 3 thru 4: 1-3 weeks



Business and Industry Application Materials Needed

- General resume for networking purposes only
- Job application resumes your general resume tailored for each individual job description
- Cover letter draft tailor for each job description
- Business cards for networking and interviewing

Betty Smith, PhD *Clinical Pharmacologist*



CVs vs Resumes

Curriculum Vitae (Academia)

- Unlimited length
- Complete academic history
- No "Profile" or "objective"
- Tailored to type of position
- Organized using expected section headings & content
- Just the facts
- Cover letter and references: Critical role

Resume (Industry scientist)

- 1-3 Pages, with publications
- Selected history
- Begins with "Profile"
- Tailored to each individual position
- Organized with highly-tailored section headings & content
- Self-promotion expected
- Cover letter and references: Less important, reference omitted



Sections of a typical resume

- Heading: Name, address, phone (not lab), email, website
- Profile or Summary or Highlights
- Education
- Certification or Licensure (if needed)
- Various "Experience" Sections Research, Teaching, Mentoring, Leadership and Supervision, Industry, Community Service, Writing, Business
- Skills or Techniques categorized list
- Awards describe if not obvious
- Presentations and Publications at end
- Generally no references listed
 - Or "References available upon request"



How to tailor your resume for a specific, posted job description

- Start with your generic resume
- Carefully read the job description
- Make a list: If you were the screener, what criteria must you see on the ideal candidate's resume?
- Edit the <u>Profile</u> section of your generic resume to fit the list of screening criteria as much as possible
- Edit the following sections of your generic resume so that the claims in your Profile section are <u>clearly</u> supported
 - Research Experience
 - Skills/Techniques
 - Publications/Presentations
 - Extra sections that support soft skills mentioned in Profile



-First section of industry resume

-Purpose 1: Quickly demonstrate match between position requirements and your qualifications – helps HR

-Purpose 2: Provide a hook for the hiring manager

-Useful format:

One or two line statement that categorizes and sub-categorizes you, and then bullets mapping your background to the job description

Clinical pharmacologist with post-doctoral PK/PD background and experience with regulatory guidelines and applications



The job ad informs your Summary/Profile

<u>Scientist – Protein Chemist</u>We are seeking a highly motivated PhD scientist to join our Technology Development Team...

The Technology Development team is seeking a uniquely qualified individual to establish a new project that combines <u>our chemical synthesis core technology with state of the art</u> <u>combinatorial peptide methods.</u>

Requirements:

-PhD in **Biochemistry**

-2-5 years <u>of experience in industry</u> or a combination of industry and related postdoctoral experience

-Experience with <u>structural biology</u>, <u>NMR or X-ray crystallography</u> is a plus

-Background in folding and purification of proteins is highly desirable

-The job entails both bench work and management skills

-The job demands excellent communication skills, writing skills and the ability to work in teams



Ch' en Shu

Dept. of Biochemistry & BiophysicsPhone:(415) 111-2222 (H)Box 000(415) 333-4444 (W)University of California at San Franciscoe-mail:shu@ucsf.eduSan Francisco, CA 94143shu@ucsf.edu

PROFILE

Protein biochemist with 5 years postdoctoral experience and 3 years industrial experience

- Successful bench scientist with strong publication record
- Extensive experience working in chemistry and structural biology
- Project management experience in industrial settings and academic settings
- Excellent communication and writing skills developed by managing my own successful startup company



Ch' en Shu

Dept. of Biochemistry & Biophysics Box 000 University of California at San Francisco San Francisco, CA 94143 Phone: (415) 111-2222 (H) (415) 333-4444 (W) e-mail: shu@ucsf.edu

PROFILE

- Protein chemist with more than 5 years combined post-doctoral experience in industry and academic settings
- Extensive background in chemistry and structural biology
- Protein purification experience
- Experience with NMR and X-ray crystallography
- Excellent communication, teamwork and writing skills developed through previous industry position, bench and management duties



Resume writing help

Samples and step by step instructions for tailoring:

career.ucsf.edu

- -PhD's
- -NAC (non-academic careers)
- -CV's Resumes and Cover Letters



Resume writing tutorial at career.ucsf.edu

Part 1: How To Read an Industry Job Description

ORGANIZATION INFORMATION:

Crystal DNA, Inc. is a leading organization focusing on research and drug commercialization.

POSITION INFORMATION:

Crystal DNA is inviting applications for a Scientist I position in the Cancer Research Department. We are seeking a remarkable individual to lead a research group to study cell biological questions in cancer biology, with an emphasis on inflammation and cancer. Our collective goal is discovering novel targets for therapy using innovative approaches.

The successful candidate will lead projects to elucidate inflammatory pathways and mechanisms that contribute to the pathogenesis of cancer, and to translate their discoveries into therapeutic approaches for clinical development. At Crystal DNA you will be among renowned scientific leaders in the areas of Oncology, Immunology, and Virology. You will have the opportunity to contribute to the development of therapeutics.

QUALIFICATIONS:

Required:

- PhD and/or MD with postdoctoral research experience in cellular biology, cancer biology or immunology

- Minimum of 5 years of research experience using cellular biology techniques; 1-3 years of industry experience a plus

- Experience with innate immune cell function and molecular mediator release assays

- Experience performing and analyzing flow cytometric-based assays
- Experience isolating primary immune cells
- Track record of publishing in top-tier journals
- Demonstrated ability to work independently
- Excellent organizational, interpersonal, and communication skills
- Outstanding oral and written communication skills
- High degree of attention to detail and organization
- Ability to contribute to a team, as an engaged member
- Ability to work collaboratively with chemists, bioinformaticians, and academic researchers
- Commitment to further the mission of the organization

Preferred:

Experience in drug development and discovery research in an industry setting
Experience with project management

Why dissect a job description?

A job description details the ideal candidate an organization seeks in regard to scientific training, technical skills, professional skills, and overall fit.

If you take the time to <u>analyze the job description</u>, and ask yourself what the employer seeks, you will be able to:

- 1. Determine if your skills, interests and values are a good fit for the position.
- 2. Tailor your resume and state what you did, when you did it and where you did it.
- Tailor your cover letter and state how you believe your experiences are relevant, and why you want to work for their organization.

In the Position/Responsibilities section: Look for:

- A. The scientific area of expertise (department/group)
- B. How this position contributes to the mission of the organization
- C. Professional skills
- D. Accomplishments

Scientific area of expertise may include:

- 1. Academic training
- 2. Technical skills

In the Qualifications section:

Highlight scientific and professional skills that directly reflect your experiences, and accomplishments. Use these as keywords in your resume and cover letter.

Look for these categories:

- A. Scientific training/Technical skills
- B. Professional skills
- C. Accomplishments

If your scientific or professional training and accomplishments match 70% or more of what is listed, you may be considered a competitive candidate for this position.

If you don't meet all the listed requirements, but can detail similar or relevant experience, it's important to highlight that in your resume and cover letter. *

*Source: Kforce.com, "Are You Really a Good Fit for the Job?"



Resume writing tutorial at career.ucsf.edu

Part 2: How To Write a Targeted Industry Cover Letter

Rosalind Franklin DNA, Inc. San Francisco 14 Famous Women Way San Francisco, CA 94114

June 1, 0000

Dear Dr. Franklin:

I read the description for the Scientist I position at DNA, Inc. with great interest. I am a postdoc studying Cancer Research at UCSF and believe that I have the skills and qualities necessary to be a successful addition to your team - a balance of cell biology bench experience, project management experience, and a demonstrated commitment to translational research. The possibility of contributing to the groundbreaking research at Crystal DNA, Inc. that is impacting human health is an exciting prospect.

I have 8 years of experience in **applying cellular biology techniques** to **investigate immune signaling** pathways that are critical in cancer research. Specifically I have:

- Expertise analyzing inflammatory activation in primary innate immune cells using flow cytometry and other cellular assays.
- Co-authored 12 papers and published in journals such as Cancer Cell.
- Collaborated with industry scientists, and believe I have a good understanding of how to design experiments to answer clinically relevant questions.

In addition to my research training, I have project management experience in both the scientific and non-scientific communities. I thrive in the team environment and work well with clear deadlines and project milestones. As a project leader in our lab, I am responsible for setting, communicating, and meeting milestones with our industry collaborators. As a coordinator for the UCSF Improv Group, I lead an initiative to enhance training in professional skills on-campus. Specifically, I work closely with theater professionals to develop workshops to help grad students and postdoes in the UCSF-wide community practice and improve their presentation skills. The popularity of these sessions has even drawn faculty members to attend our events.

Why write a cover letter?

A *resume* reports your relevant scientific training and professional skills – it tells the reader <u>what</u> you did, when you did it and where you did it.

A cover letter covers the how and why – how you believe your experiences are relevant, and why you want to work for their organization. It sheds light on the specific skills that make you a qualified candidate, your interest in industry research, and explains how you'd contribute to their organization.

Often, employers only skim the first paragraph, so Marie's paragraph is a summary of:

- E. What she brings to the table (experience & skills)
- F. Why she wants the job (desire)

This includes her: 1. Scientific training 2. Professional skills 2. Desire

The skeleton of your cover letter will follow the same format as your first paragraph.

In the second and third paragraphs:

Summarize your range of skills and experience. Highlight skills in your resume that <u>directly</u> reflect the skills in the job description. Use keywords. Emphasize any industry experience or industry collaborations that you've engaged in. Demonstrate your desire to transition into industry. Summarize:

- **1.** Why you fit: What skills or knowledge did you gain from these experiences?
- What you impact is: How have you excelled in your activities? Hiring managers say they take a chance on academic scientists who have a track record of leadership and success both in and out of the lab.



Resume writing tutorial at career.ucsf.edu

Part 3: How To Write a Targeted Industry Resume

08/2000 - 05/2000

Marie Curie, Ph.D.

San Francisco, CA 94114, 415-555-2345, Curie@ucsf.edu US Permanent Resident

SUMMARY

- Five years of postdoctoral research in tumor immunology, with focus on cell interactions that regulate cell migration
- Experience includes flow cytometry, molecular mediator release assays (ELISAs), cell migration assays, primary immune cell isolation and cell culture techniques
- Lab supervisor of flow cytometry equipment, microscopy equipment, and animal facility
- · Experienced in working collaboratively with chemists and industry scientists

RESEARCH EXPERIENCE

Cancer Research Lab, Postdoctoral Scholar University of California San Francisco, CA Project: Tumor cell migration

- Investigation of the chemokine and cytokine release from tumors using flow cytometry-based assays on primary immune cells; pioneered new ex vivo technique for the lab
- Molecular mediator expression profiling of different cell populations from tumors; in collaboration with industry partners
- Supervisor of 1 graduate student and 1 research associate
- Manager and instructor for flow cytometry and multiplex ELISA equipment

Immunology Lab, Graduate Student University of Geneva, Switzerland Project: Chemokine biology in zebrafish

- · Biochemical characterization of chemokine homologs
- Studies resulted in 2 co-author publications
- Expression and purification of chemokines using bacterial and mammalian expression systems, FPLC protein purification
- In vitro ligand structure analysis using NMR spectroscopy; in collaboration with industry partners
- Collaborated with chemists to design inhibitors
- Supervisor of lab microscopy equipment, including equipment maintenance, assessment and testing of new equipment

PROJECT MANAGEMENT EXPERIENCE

The **Summary** section is the abstract for your resume:

- Summarize your relevant scientific training and professional skills.
- Tailor this section to the job description. Remember to back up the
- experience listed here, in the sections below! Be concise – a paragraph is
- okay, but keep in mind bullet points are easier to skim.

Use the Research/Scientific Exper.

01/2000 - present section to highlight specific skills that the employer seeks. Include components of **C.A.R.**:

- <u>Collaborations</u> Include relevant collaborators.
- Actions Write about your research for a lay audience. Include technical skills sought in the job description. Leave out other technical skills to avoid making it harder to see how you're a good fit for the position, or consider creating a separate Technical Skills section. Results and Roles - When possible include the impact of your findings, any accomplishments from your work, and your range of responsibilities

 A comment on Formatting Dates:
 Place dates on the *right* side of the line. We read from left to right, so you want to the more important information, like title and organization, to be the first thing the employer reads.
 Dates in numerical form are easier to skim.

(---- 00/0000 ···--



How to get others to help you get a job

- 1. Applying for jobs:
 - a. When you want help applying for a job
 - b. When you want help from recruiters
- 1. Networking:
 - a. When you are exploring career options
 - b. When you want to make new useful connections at an ASCPT meeting



Applying to posted job openings

- 1. Locate an attractive job posting
- 2. Select positions with tasks/roles you have done
- 3. Create tailored resume
- 4. Submit resume as instructed in the job posting
- 5. Send a "2nd application"
 - Email a resume w/letter to a recruiter, the hiring manager, or someone 1-2 steps ahead of the position within the company
 - "The savvy job seeker always takes this approach."



The 2nd application tells the recipient you've applied and requests assistance w/process

Dear Dr. Adams:

I have been reading with interest about the scientific developments at Abgenix. And because of my background in XYZ, I have been reading with particular interest the fascinating work that you have been doing in the area of XYZ.

I recently noticed a job posting on the Abgenix website for a Protein Chemist (Job #112345J), for which I feel I am very well qualified. I have already applied on line to the Human Resources website but I was wondering if you would be willing to also send my attached resume on to the scientist who is hiring for the Protein Chemist position? Or, if you are the hiring scientist, I hope you will read my resume and consider contacting me for an interview!

Thank you for your assistance.

Sincerely, Fred Jones Dept. of Immunology UCSF 415-555-5555 fred@ucsf.edu



LinkedIN 2nd application: Purchase premier access

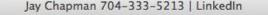
⊗		Haranooa
Compose your Open Profile Message		Ŧ
To: Marianne Santaguida From: Bill Lindstaedt Sinclude my contact information	Tips to in response by the Mention peop	
Enter the contact information you would like to s Email: bill.lindstaedt@ucsf.edu + Phone:	share	- Dennis Van - Fiore Cattar - Ernesto Dia 2 Limit your me direct and to
Category: Job inquiry + Subject: Protein biochemist position within XBio		
Your message to Marianne: Hi Marianne - I am writing to you because I see that you and I have similar scientific backgrounds. I noticed there's a scientist position available at XBio that I feel I am well qualified for. I hope that you will take a moment to review my LinkedIN profile, and if you think I might be a good fit for the position, connect with me and perhaps recommend me for to the scientist who is hiring for the position. Thank you for considering this request	Marianne is interested in: career opportunities, expertise requests, getting back in touch	

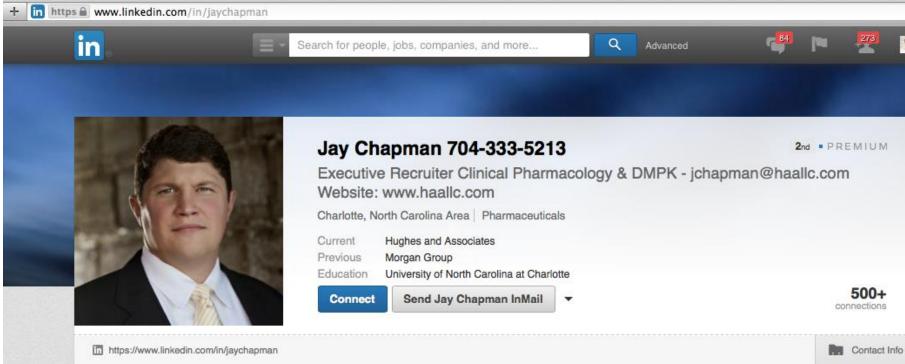


Getting noticed by recruiters

Initiate contact with multiple 3rd party recruiters
-Google "clinical pharmacology search firm"
"clinical pharmacology executive search"
-Make a list of search firms that post jobs in your interest area
-Connect via LinkedIn or email your resume to each entry on your list







Background



Summary

Hughes and Associates your comprehensive Executive and Technical search firm servicing the pharmaceutical / biotech industry. As a dependable, efficient, and knowledgeable recruiting firm we will help you achieve your goals. Whether your needs are finding a highly specialized candidate or enhancing your career, we are prepared to accept and complete your most challenging assignments.

Our Executive Search Firm specializes in the areas of Bioanalytical Chemistry, Clinical Pharmacology / Pharmacometrics, Drug Metabolism, Model Based Drug Discovery / Development and Programming.

jchapman@haallc.com 704-333-5213 www.haallc.com



How You're Connected





Getting noticed by 3rd party recruiters and by corporate recruiters

Post your generic resume on ASCPT, Biospace, Indeed, and other job posting sites in your field

Polish up your LinkedIn profile



Informational interviewing long before you need a job

- Who has your dream job? Meet with that person!
- Carefully designed questions lead to insightful conversations and fruitful relationships
- Start 6-12 months before you must have a job
- Complete how-to resources (sample correspondence, questions):
 - career.ucsf.edu
 - -PhD's
 - -Non-academic careers
 - -Build your professional network



Getting help from others at ASCPT

- "We are sending 15 scientists to ASCPT: What conferences are for is networking"
- Email invitations to your poster or talk; then be explicit
 "I'll be job hunting next year. Would it be ok if I reach out then to follow up?"
- Visit corporate networking suites even if you're not applying now
- Work the exhibitors' booths ask questions about hiring plans
- "It's <u>always</u> appropriate to ask about hiring plans, or for career advice."
- Set a goal for this meeting: Start a career-related conversation with at least two potential future job contacts and follow up after the meeting



