


# Let's make an academic curriculum vitae!



*I can do hard things!*

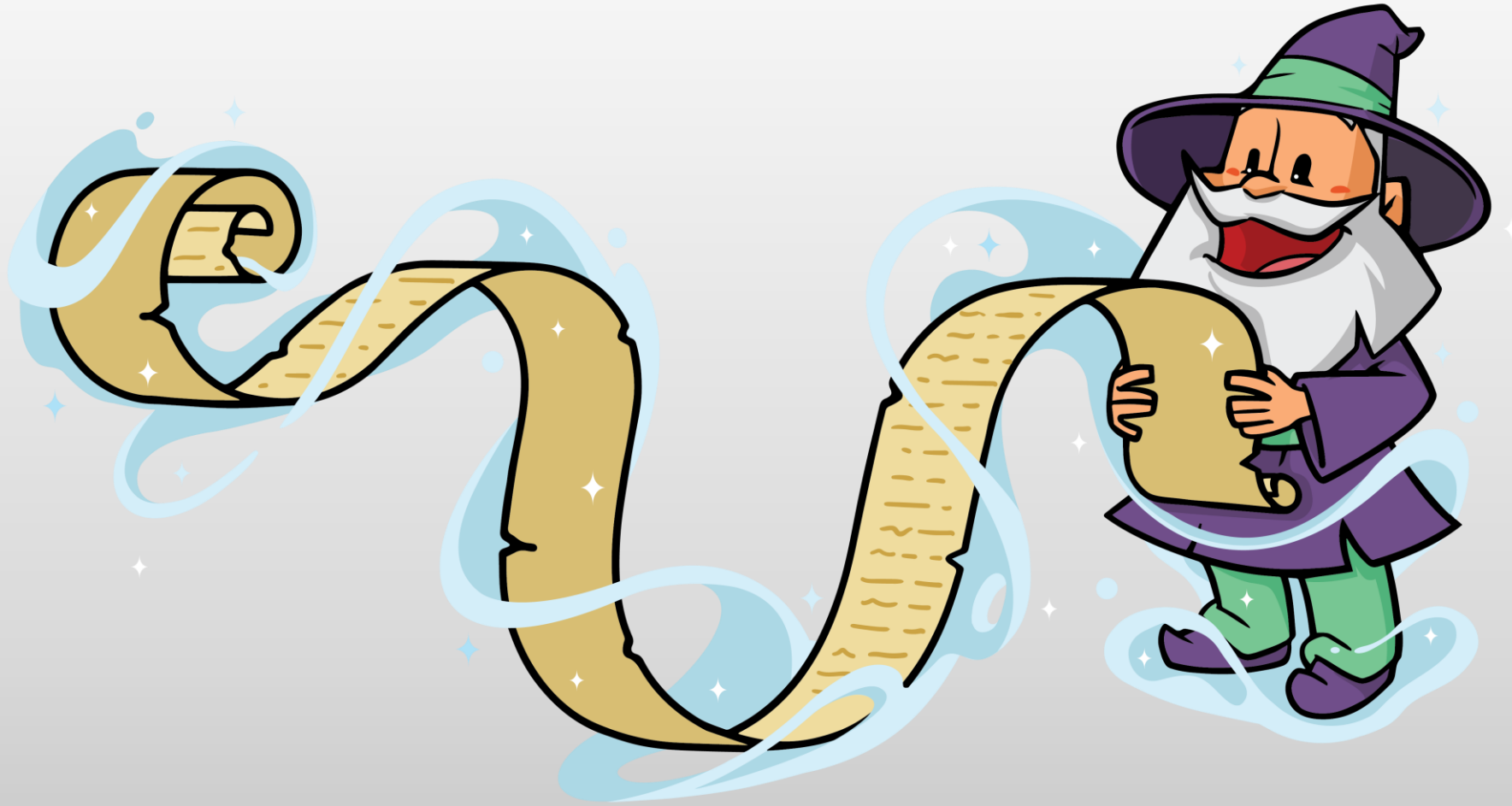
*CAREER DAY*

*June 1, 2026*

# Additional Online Resources

- Onishlab -> Events -> Career Day 2026
- <https://onishlab.colostate.edu/career-day-2026/>

# What is a CV?



# What is a CV?

- Stands for “Course of life”
- Documents your academic history and accomplishments

## Taylor N. Medwig-Kinney, Ph.D.

Postdoctoral Research Fellow, University of North Carolina at Chapel Hill  
tmkinney@unc.edu • tmedwigkinney.com

### Education

2022	<b>Ph.D. in Genetics</b> , Stony Brook University, Stony Brook, NY
2016	<b>B.S. in Biology and Health Science</b> , Stony Brook University, Stony Brook, NY Concentrations: Developmental Genetics, Public Health, and Community Health Education

### Research Training

2022 - present	<b>Postdoctoral Research Fellow</b> , Laboratory of Dr. Bob Goldstein University of North Carolina at Chapel Hill, Department of Biology, Chapel Hill, NC
2016 - 2022	<b>Graduate Research Fellow</b> , Laboratory of Dr. David Matus Stony Brook University, Department of Biochemistry and Cell Biology, Stony Brook, NY
2014 - 2016	<b>Research Assistant</b> World Trade Center Health Program, Stony Brook, NY
2014	<b>Undergraduate Summer Research Fellow</b> , Laboratory of Dr. Lorelei Mucci Harvard T.H. Chan School of Public Health, Department of Epidemiology, Boston, MA
2013	<b>Undergraduate Summer Research Fellow</b> , Laboratory of Dr. Nurit Ballas Stony Brook University, Department of Biochemistry and Cell Biology, Stony Brook, NY

### Grants and Fellowships

#### Fellowships and research grants:

2024 - 2026	<b>Postdoctoral Fellowship Award</b> , American Cancer Society (\$217,500)
2023 - 2025	<b>For Women in Science Fellowship</b> , L'Oréal USA; United Nations Educational, Scientific and Cultural Organization; and American Association for the Advancement of Science (\$60,000)
2024 - present	<b>Leading Edge Fellows Program</b>
2023	<b>Ruth L. Kirschstein National Research Service Award Individual Postdoctoral Fellowship</b> , National Institutes of Health ( <i>declined</i> )
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#### Outreach, travel, and childcare grants:

2024	<b>Childcare and Dependent Grant</b> , Genetics Society of America (\$250)
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2019	<b>Distinguished Travel Award</b> , Stony Brook University (\$1,100)

### Publications

#### Selected peer-reviewed publications:

\*co-first authorship, †corresponding authorship, ‡mentees

1. Zhang P\*, Medwig-Kinney TN\*, Goldstein B† (2023). **Architecture of the cortical actomyosin network driving apical constriction in *C. elegans***. *Journal of Cell Biology*. <https://doi.org/10.1083/jcb.202302102>
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4. Medwig-Kinney TN†, Sirota SS, Gibney TV, Pani AM†, Matus DQ (2022). **An *in vivo* toolkit to visualize LIN-12/Notch and LAG-2/Delta signaling in *C. elegans***. *microPublication Biology*.

# How do CVs differ from resumés?

- It depends!
  - Europe and some fields – they are equivalent
- In the US, in academia:

## Resumés

- 1 -2 pages
- Brief list of past positions, training, education, awards, and skills
- Sometimes with a pic
- Flashy formatting

## CVs

- Very long
- Complete list of past positions, education, publications, speaking events, mentoring, teaching, awards, etc
- Boring formatting

The background consists of a dense, overlapping collection of small, rectangular sticky notes in various colors including blue, green, pink, yellow, and purple. Each sticky note has a large, black, hand-drawn question mark on it. The notes are scattered across the entire frame, creating a textured, busy appearance.

**Who is  
your  
audience?**



**Job Market**

**Fellowships**

**Applying  
for a  
Postdoc**

**Awards**

**Annual  
Reporting**

**Updating  
your  
committee**

But seriously, who is **REALLY** your audience?



# Make a master CV first, then tailor new CVs for each purpose

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## MASTER CV



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## Mentor Award

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## 4-pg limit

## Last 8 years

# OR tailor new CVs for each job

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## MASTER CV



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<b>Publications</b>	Selected peer-reviewed publications: *co-first authorship, *corresponding authorship, mentees 1. Zhang P*, Medwig-Kinney TN*, Goldstein B† (2023). Architecture of the cortical actomyosin network driving apical constriction in <i>C. elegans</i> . <i>Journal of Cell Biology</i> . <a href="https://doi.org/10.1083/jcb.202302102">https://doi.org/10.1083/jcb.202302102</a> 2. Medwig-Kinney TN*, Kinney BA, Martinez MAO, Yee C, Sirota SS, Mullerkey AA, Sommani N, Hippeler J, Zhang W, Shan K, Hammill C, Pani AM, Matus DO† (2023). Dynamic compartmentalization of the pro-neurogenic transcription factor NHR-67 reveals a role for Groucho in regulating a proliferative-invasive cellular switch in <i>C. elegans</i> . <i>eLife</i> . <a href="https://doi.org/10.7554/eLife.84355">https://doi.org/10.7554/eLife.84355</a> 3. Medwig-Kinney TN*, Smith J†, Palmisano NJ, Tank S, Zhang W, Matus DO† (2020). A developmental gene regulatory network for <i>C. elegans</i> anchor cell invasion. <i>Development</i> . 147(1). dev185850 <a href="https://doi.org/10.1242/dev.185850">https://doi.org/10.1242/dev.185850</a> 4. Medwig-Kinney TN*, Sirota SS, Gibney TV, Pani AM, Matus DO (2022). An <i>in vivo</i> toolkit to visualize LIN-12/Notch and LAG-2/Delta signaling in <i>C. elegans</i> . <i>microPublication Biology</i> .

## Job #1

Taylor N. Medwig-Kinney, Ph.D.	
Postdoctoral Research Fellow, University of North Carolina at Chapel Hill tmedw@unc.edu • tmedw@kinney.com	
<b>Education</b>	Ph.D. in Genetics, Stony Brook University, Stony Brook, NY 2022 2016 B.S. in Biology and Health Science, Stony Brook University, Stony Brook, NY Concentrations: Developmental Genetics, Public Health, and Community Health Education
<b>Research Training</b>	2022-present Postdoctoral Research Fellow, Laboratory of Dr. Bob Goldstein University of North Carolina at Chapel Hill, Department of Biology, Chapel Hill, NC 2016-2022 Graduate Research Fellow, Laboratory of Dr. David Matus Stony Brook University, Department of Biochemistry and Cell Biology, Stony Brook, NY 2014-2016 Research Assistant World Trade Center Health Program, Stony Brook, NY 2014 Undergraduate Summer Research Fellow, Laboratory of Dr. Lorelei Mucci Harvard T.H. Chan School of Public Health, Department of Epidemiology, Boston, MA 2013 Undergraduate Summer Research Fellow, Laboratory of Dr. Nurit Ballas Stony Brook University, Department of Biochemistry and Cell Biology, Stony Brook, NY
<b>Grants and Fellowships</b>	2024-2026 Postdoctoral Fellowship Award, American Cancer Society (\$217,500) 2023-2025 For Women in Science Fellowship, L'Oréal USA; United Nations Educational, Scientific and Cultural Organization; and American Association for the Advancement of Science (\$60,000) 2024-present Leading Edge Fellows Program 2023 Ruth L. Kirschstein National Research Service Award Individual Postdoctoral Fellowship, National Institutes of Health (declined) 2019-2022 Ruth L. Kirschstein National Research Service Award Individual Predoctoral Fellowship, National Institutes of Health (\$17,000) 2021-2022 Presidential Critical Research Funds, Stony Brook University (\$5,000) 2013 Undergraduate Research and Creative Activities Fellowship, Stony Brook University (\$3,500)
<b>Outreach, travel, and childcare grants:</b>	2024 Childcare and Dependent Grant, Genetics Society of America (\$250) 2023 Career Advancement and Research Excellence Support Award, Federation of American Societies for Experimental Biology (\$5,000) 2021-2022 Women in STEM Leadership Grant, Alan Alda Center for Communicative Science (\$12,573) 2019 Distinguished Travel Award, Stony Brook University (\$1,100)
<b>Publications</b>	Selected peer-reviewed publications: *co-first authorship, *corresponding authorship, mentees 1. Zhang P*, Medwig-Kinney TN*, Goldstein B† (2023). Architecture of the cortical actomyosin network driving apical constriction in <i>C. elegans</i> . <i>Journal of Cell Biology</i> . <a href="https://doi.org/10.1083/jcb.202302102">https://doi.org/10.1083/jcb.202302102</a> 2. Medwig-Kinney TN*, Kinney BA, Martinez MAO, Yee C, Sirota SS, Mullerkey AA, Sommani N, Hippeler J, Zhang W, Shan K, Hammill C, Pani AM, Matus DO† (2023). Dynamic compartmentalization of the pro-neurogenic transcription factor NHR-67 reveals a role for Groucho in regulating a proliferative-invasive cellular switch in <i>C. elegans</i> . <i>eLife</i> . <a href="https://doi.org/10.7554/eLife.84355">https://doi.org/10.7554/eLife.84355</a> 3. Medwig-Kinney TN*, Smith J†, Palmisano NJ, Tank S, Zhang W, Matus DO† (2020). A developmental gene regulatory network for <i>C. elegans</i> anchor cell invasion. <i>Development</i> . 147(1). dev185850 <a href="https://doi.org/10.1242/dev.185850">https://doi.org/10.1242/dev.185850</a> 4. Medwig-Kinney TN*, Sirota SS, Gibney TV, Pani AM, Matus DO (2022). An <i>in vivo</i> toolkit to visualize LIN-12/Notch and LAG-2/Delta signaling in <i>C. elegans</i> . <i>microPublication Biology</i> .

## Job #2

Taylor N. Medwig-Kinney, Ph.D.	
Postdoctoral Research Fellow, University of North Carolina at Chapel Hill tmedw@unc.edu • tmedw@kinney.com	
<b>Education</b>	Ph.D. in Genetics, Stony Brook University, Stony Brook, NY 2022 2016 B.S. in Biology and Health Science, Stony Brook University, Stony Brook, NY Concentrations: Developmental Genetics, Public Health, and Community Health Education
<b>Research Training</b>	2022-present Postdoctoral Research Fellow, Laboratory of Dr. Bob Goldstein University of North Carolina at Chapel Hill, Department of Biology, Chapel Hill, NC 2016-2022 Graduate Research Fellow, Laboratory of Dr. David Matus Stony Brook University, Department of Biochemistry and Cell Biology, Stony Brook, NY 2014-2016 Research Assistant World Trade Center Health Program, Stony Brook, NY 2014 Undergraduate Summer Research Fellow, Laboratory of Dr. Lorelei Mucci Harvard T.H. Chan School of Public Health, Department of Epidemiology, Boston, MA 2013 Undergraduate Summer Research Fellow, Laboratory of Dr. Nurit Ballas Stony Brook University, Department of Biochemistry and Cell Biology, Stony Brook, NY
<b>Grants and Fellowships</b>	2024-2026 Postdoctoral Fellowship Award, American Cancer Society (\$217,500) 2023-2025 For Women in Science Fellowship, L'Oréal USA; United Nations Educational, Scientific and Cultural Organization; and American Association for the Advancement of Science (\$60,000) 2024-present Leading Edge Fellows Program 2023 Ruth L. Kirschstein National Research Service Award Individual Postdoctoral Fellowship, National Institutes of Health (declined) 2019-2022 Ruth L. Kirschstein National Research Service Award Individual Predoctoral Fellowship, National Institutes of Health (\$17,000) 2021-2022 Presidential Critical Research Funds, Stony Brook University (\$5,000) 2013 Undergraduate Research and Creative Activities Fellowship, Stony Brook University (\$3,500)
<b>Outreach, travel, and childcare grants:</b>	2024 Childcare and Dependent Grant, Genetics Society of America (\$250) 2023 Career Advancement and Research Excellence Support Award, Federation of American Societies for Experimental Biology (\$5,000) 2021-2022 Women in STEM Leadership Grant, Alan Alda Center for Communicative Science (\$12,573) 2019 Distinguished Travel Award, Stony Brook University (\$1,100)
<b>Publications</b>	Selected peer-reviewed publications: *co-first authorship, *corresponding authorship, mentees 1. Zhang P*, Medwig-Kinney TN*, Goldstein B† (2023). Architecture of the cortical actomyosin network driving apical constriction in <i>C. elegans</i> . <i>Journal of Cell Biology</i> . <a href="https://doi.org/10.1083/jcb.202302102">https://doi.org/10.1083/jcb.202302102</a> 2. Medwig-Kinney TN*, Kinney BA, Martinez MAO, Yee C, Sirota SS, Mullerkey AA, Sommani N, Hippeler J, Zhang W, Shan K, Hammill C, Pani AM, Matus DO† (2023). Dynamic compartmentalization of the pro-neurogenic transcription factor NHR-67 reveals a role for Groucho in regulating a proliferative-invasive cellular switch in <i>C. elegans</i> . <i>eLife</i> . <a href="https://doi.org/10.7554/eLife.84355">https://doi.org/10.7554/eLife.84355</a> 3. Medwig-Kinney TN*, Smith J†, Palmisano NJ, Tank S, Zhang W, Matus DO† (2020). A developmental gene regulatory network for <i>C. elegans</i> anchor cell invasion. <i>Development</i> . 147(1). dev185850 <a href="https://doi.org/10.1242/dev.185850">https://doi.org/10.1242/dev.185850</a> 4. Medwig-Kinney TN*, Sirota SS, Gibney TV, Pani AM, Matus DO (2022). An <i>in vivo</i> toolkit to visualize LIN-12/Notch and LAG-2/Delta signaling in <i>C. elegans</i> . <i>microPublication Biology</i> .

## Job #3

Tip: Tailor the language in your CV to each job call!

# Make a master CV - Key Categories

- NAME AND CONTACT INFO – TOP
- EDUCATION
- POSITIONS
- FUNDING
- HONORS AND AWARDS
- RESEARCH PUBLICATIONS
- PRESENTATIONS
- TEACHING
- MENTORSHIP
- TRAINING
- SERVICE
- OUTREACH

**J. Matthew Taliaferro | Curriculum vitae**

University of Colorado Anschutz Medical Campus  
Dept. of Biochemistry and Molecular Genetics  
RNA Bioscience Initiative  
12801 E 17th Ave  
RC1 South - Room 10114  
Aurora, CO 80045

Phone: (303) 724-3274  
[matthew.taliaferro@cuanschutz.edu](mailto:matthew.taliaferro@cuanschutz.edu)  
[www.taliaferrolab.com](http://www.taliaferrolab.com)

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**Education**

**University of California, Berkeley** 2007-2012  
Department of Molecular and Cell Biology  
Ph.D. in Molecular and Cell Biology

**University of Texas at Austin** 2003-2007  
Department of Chemistry and Biochemistry  
B.S. in Biochemistry with High Honors

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**Positions**

**Assistant Professor, Biochemistry and Molecular Genetics** 2017-Present  
University of Colorado Anschutz Medical Campus  
Mechanisms of subcellular RNA localization

**Postdoctoral Fellow, Laboratory of Christopher B. Burge** 2013-2017  
Department of Biology  
Massachusetts Institute of Technology  
Genomic and mechanistic studies of mRNA localization in neurons and protein/RNA interactions

**Graduate Student, Laboratory of Donald C. Rio** 2007-2012  
Department of Molecular and Cell Biology  
University of California, Berkeley  
Biochemical, genetic and genomic characterization of several factors involved in the regulation of alternative splicing in *Drosophila melanogaster*

**Undergraduate Research Fellow, Laboratory of K. Sathasivan** 2003-2007  
Department of Chemistry and Biochemistry  
University of Texas at Austin  
Characterization of expressed mRNA sequences in the jute (*Corchorus olitorius*) plant

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**Research Publications**

*Assistant Professor*

43. Lo J, Vaeth KF, Bhardwaj G, Mukherjee N, Russ HA, Moore JK, Taliaferro JM. The RNA binding protein HNRNPA2B1 regulates RNA abundance and motor protein activity in neurites. *bioRxiv* (2024). <https://doi.org/10.1101/2024.08.26.609768>

# Nuts and Bolts - Tips

- List dates in **reverse chronological order** (most recent first)
- In **education**: list degree, major (and any minors), institution, location, graduation date, **mentor**
  - For the dissertation or thesis, it is ok to have a title and brief description
- List the **year** you received awards or did activities
- Use **action verbs** to describe your responsibilities, accomplishments, and skills
- State your **role** in groups (founder, organizer, member, etc)
- When listing **publications and presentations**, write them in standard bibliographic form and classify them by type (journal, conference, etc.)
- **Interim projects** – it is ok to list papers in press, in preparation, or bioRxiv preprints but please clearly label these as they are not peer reviewed

# Focus on formatting

- No one will read it, but someone may **skim** it!
- Keep it consistent
- Use headings, tabs, and horizontal lines
- Use page breaks wisely
- Minimal color can be effective
- Overall, the vibe is “restraint”

## LAB LEADERSHIP

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### Radiation Qualified User

*May 2025 - Current*

Oversee radiation usage in the lab.

- Obtained necessary trainings to become qualified radiation user (dosimetry, safety, & waste trainings)
- Authorized to oversee the lab’s radioactive experiments in absence of P.I.
- Organize documents required for radioactive use, track radioactive waste, maintain lab safety.

### Head of Lab Organization

*June 2024 - Current*

- Cataloging previous members’ research boxes and strains
- Organize current contents of all fridges & freezers in spreadsheet

### Mentorship

*June 2024 - Current*

Trained rotation students, undergraduates and volunteers in the lab and directed them through an independent project.

## OTHER LEADERSHIP EXPERIENCE

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### UC Berkeley Molecular & Cell Biology, Cell Developmental, Neurobiological Association

#### *Fundraising Chair*

*Jan 2022 – Dec 2022*

Raised money for club socials and four campus-wide events a semester for 40 people.

- Organized orders for merchandise via sales log. Sought sponsorships from business for events

#### *Executive Committee*

*August 2020 - Dec 2024*

Lead, publicized and hosted one professional and one social event a semester.

- Outreach to professors and companies to acquire guest speakers

### Atrium, creative STEM magazine

*August 2022 - May 2024*

#### *Layout design, writer*

Developed new design guide for layout of magazine using Adobe InDesign. Wrote creative fiction pieces around central STEM theme.

- Collaborated with team of layout designers to develop color and font guide

# Advanced Ninja Skills - formatting



Format Tools Table Window Help

Font...  
Text Effects...  
**Paragraph...**  
Document...  
Bullets and Numbering...  
Borders and Shading...  
Columns...  
Tabs...  
Drop Cap...  
Text Direction...  
Change Case...  
Asian Layout  
Style...  
Font Substitution...  
Equation Options...  
Selection Pane...

01\_Nishimura

View Developer Easy Syntax Highlighter

Erin Osbo

Colorado State University  
1870 Campus Delivery  
200 W. Lake St.  
Fort Collins, CO 80523-1870

**EDUCATION AND TRAINING**

2010 – 2015 **Postdoctoral Researcher**, Line  
North Carolina, Chapel Hill, ment  
2009 **NSF East Asian Pacific Scient**  
mentor Dr. Yasushi Hiraoka  
2004 – 2010 **Ph.D. in Plant Biology**, Univers  
1994 – 1998 **B.S. in Biochemistry and Mole**

Paragraph

Indents and Spacing Line and Page Breaks Asian Typography

**General**

Alignment: Left  
Outline Level: Body Text Collapsed by default

**Indentation**

Left: 0.25"  
Right: 0" Special: Hanging By: 0.25"  
Mirror Indents  
 Automatically adjust right indent when document grid is defined

**Spacing**

Before: 0 pt  
After: 6 pt Line spacing: Multiple At: 1.15  
Don't add space between paragraphs of the same style  
 Snap to grid when document grid is defined

Previous Paragraph Previous Paragraph Previous Paragraph Previous Paragraph Previous Paragraph Previous Paragraph  
Previous Paragraph Previous Paragraph Previous Paragraph Previous Paragraph

Spike CA, Parker DM, Tsukamoto T, Torres-Mangual N, Tsukamoto EC, Coleman K, Gearhart MD, Greenstein D, Nishimura EO. The SPN-4 Rbfox RNA-binding protein selects maternal mRNAs for CCR4-NOT-dependent clearance in early *Caenorhabditis elegans* embryos. *Deve*

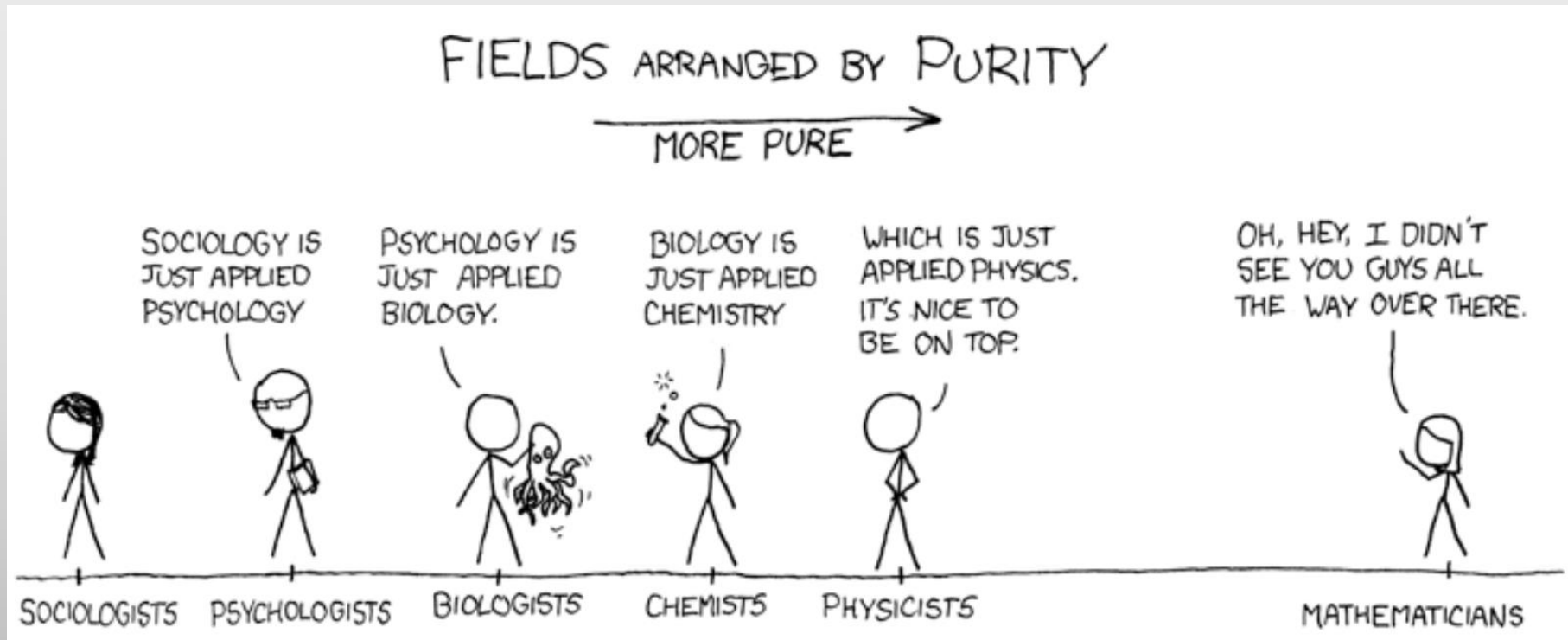
Cancel OK

# Attention to Detail – show it!

- Fix typos
- Keep grammar consistent
- Keep tabs/bullets consistent
- Keep punctuation consistent
- This is your chance to demonstrate your rigor!!!

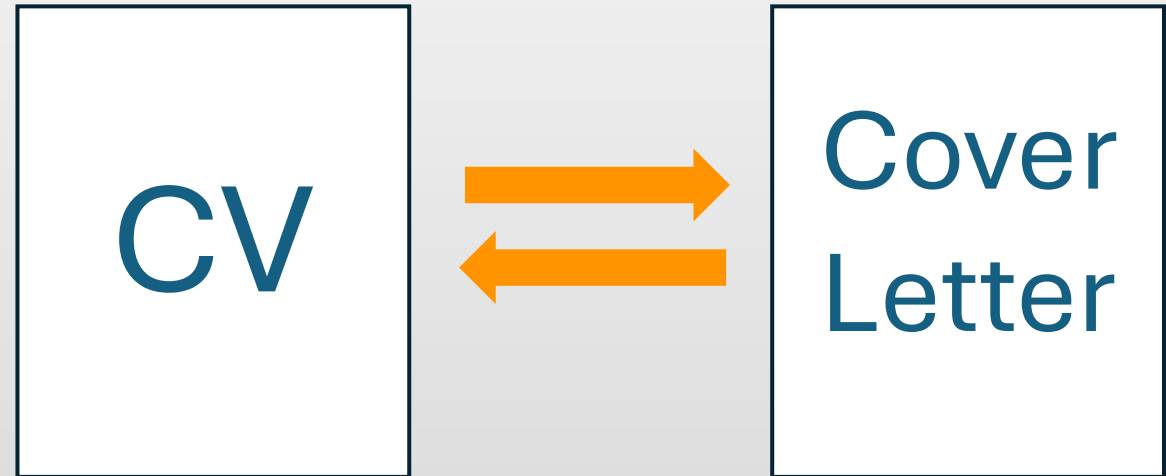
# Every field is different – know your audience

- Each field and region has its own conventions and culture
- Will your reviewers be in your field? Out of it? Non-scientists?
- Use buzzwords and acronyms carefully



# Don't forget your cover letter!

- Be brief in the CV, then **expand and highlight** in the Cover Letter
- **Match** your CV and Cover Letter
  - Make sure roles, titles, and names are identical for easy matching
  - Match verbiage to the job call or award call
- Avoid: “This is why I want this job/award”
- Try: “This is how you will benefit from me having this job”
- Create a **story arc**



# Major pitfall #1: Failing to show you are a scientist!

- Excellent PCR skills
- Molecular Biology skills
- I can make transgenic bacteria
- X-ray crystallography
- Proficient in Microsoft Office

- Thesis title: “The role of curved DNA in promoter recognition of *Bacillus subtilis* and *Escherichia coli* RNA polymerases”
  - Developed a novel GFP-based promoter recognition assay in *E. coli*. Discovered a key AT-rich torsional bend important for promoter recognition
  - Solved the co-structure of *B. subtilis* RNA polymerase on the *ATP14* promoter using X-ray crystallography. Demonstrated that an AT-rich torsional bend is further exacerbated by binding
  - Verified key contact points between AT-rich torsional bends and *B. subtilis* and *E. coli* RNA polymerases on different promoters and identified species-specific features
  - **NSF-GRFP**-supported work

**Focus on research questions and accomplishments**  
**If you do bullets – use your dissertation Aims**

# Bachelor's, Master's, PhD? Where should you be?

	What I'm looking for	
Current Undergrad	someone seeking experience, someone focused on learning	Competence & Initiative
Graduated B.S.	a wide diversity here, seeking a position, starting to specialize	
Graduated Masters	focused field-specific skills and knowledge, ability to develop new protocols, ability to optimize protocols, high-throughput	
PhD	leadership; communication, ability to drive a project; ability to gain new knowledge from experiments, networking, or reading; ability to think critically; ability to obtain funding	

# Major pitfall #2: Failing to know or show your strengths

## AWARDS

2025	Most Valuable Mentor - CMB
2025	I was nominated by my department, my state, and then I ultimately received a Goldwater Award
2023	Kewit Award – recipient - BMB

## PROFESSIONAL DEVELOPMENT

2026	Responsible Conduct of Research
2025	TILT Workshop #1
2024	TILT Workshop #2

## AWARDS

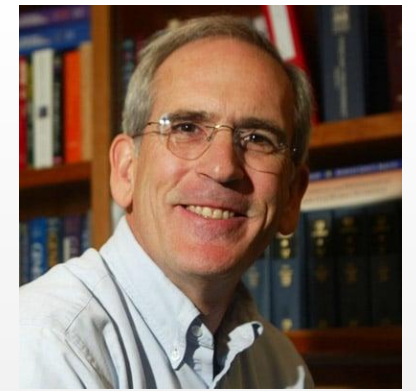
Most Valuable Mentor Award (CMB Prog.)	2025
Barry M. Goldwater Scholarship	2025
• <i>National recipient</i>	
Kewit Award – Biochemistry Dept.	2023

## PROFESSIONAL DEVELOPMENT

Responsible Conduct of Research (NIH)	2026
Teacher Training (TILT) – Effective syllabi	2025
Teacher Training (TILT) – Fair rubrics	2024

**Don't bury key info**

# Jasper Rine's 3-steps to getting any postdoc position you want

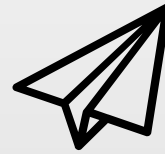


## Step 1

### The PI “tap”

*T - 1.5 yr*

*PI mentions or e-mails*



## Step 2

### The e-mail

*T - 1 yr*

*e-mail with interest, CV,  
cover letter, pdfs of  
papers*



## Step 3

### The follow up

*T - 8 mo*

*Reach out to a postdoc,  
Seek out at a meeting,  
Follow up with paper mail*

# Wait – what is a biosketch?

- <https://www.ncbi.nlm.nih.gov/sciencv/>
  - Fill out your information in pull-down-menu hell
  - Output your biosketch in NIH, NSF, or USDA format
- Warning – formats change continually. Double-check you are up-to-date

ncbi.nlm.nih.gov/labs/sciencv/2047398/

## A. Professional Preparation \*

A list of the senior/key person's professional preparation (e.g., education and training), listed in reverse chronological order by start date. Include all postdoctoral and fellowship training, as applicable, listing each separately. Also include the baccalaureate degree or other initial professional education.

[+ ADD PROFESSIONAL PREPARATION](#)

Organization	Location	Degree (if applicable)	Receipt Date	Field of Study
University of North Carolina	Chapel Hill, North Carolina	Postdoctoral Fellow	Oct 2015	Genomics and Developmental Biology, mentor Jason Lieb
University of California, Berkeley	Berkeley, California	Doctor of Philosophy	May 2010	Plant Biology, mentor Jasper Rine
University of California, Santa Cruz	Santa Cruz, California	Bachelor of Science	Dec 1998	Biochemistry and Molecular Biology, mentor Bess B. Ward

## B. Appointments and Positions \*



OMB No. 3145-0279 (Expiration Date 10/31/2026)

### NIH BIOGRAPHICAL SKETCH COMMON FORM

Name: Osborne Nishimura, Erin  
Persistent Identifier (PID) of the Senior/Key Person: <https://orcid.org/0009-0602-4113-4572>  
Position Title: Associate Professor, Department of Biochemistry and Molecular Biology  
Organization and Location: Colorado State University, Fort Collins, Colorado, United States

#### PROFESSIONAL PREPARATION

INSTITUTION AND LOCATION	DEGREE	Start Date	Completion Date	FIELD OF STUDY
University of North Carolina, Chapel Hill, North Carolina, United States	Postdoctoral Fellow	06/2010	10/2015	Genomics and Developmental Biology, mentor Jason Lieb
University of California, Berkeley, Berkeley, California, United States	Doctor of Philosophy (PHD)	08/2004	05/2010	Plant Biology, mentor Jasper Rine
University of California, Santa Cruz, Santa Cruz, California, United States	Bachelor of Science (BS)	09/1994	12/1998	Biochemistry and Molecular Biology, mentor Bess B. Ward

#### Appointments and Positions

2022 - present Associate Professor, Department of Biochemistry and Molecular Biology, Colorado State University, Fort Collins, Colorado, United States  
2016 - 2022 Assistant Professor, Department of Biochemistry and Molecular Biology, Colorado State University, Fort Collins, Colorado, United States  
2009 - 2009 NSF-JSPS Summer Research Fellow, mentor Yasushi Hiraoka, Joint Appointment: NICT and Osaka University, Akashi, Not Applicable, N/A, Japan  
2002 - 2004 Research Assistant, mentor Chris Somerville, Carnegie Institute of Washington at Stanford University, Stanford, California, United States  
2000 - 2002 Research Assistant, mentor Alice Barkan, University of Oregon, Eugene, Oregon, United States

#### Products

*Products Closely Related to the Proposed Project*

- Spike CA, Parker DM, Tsukamoto T, Torres-Mangual N, Tsukamoto EC, Coleman K, Gearhart MD, Greenstein D, Nishimura EO. The SPN-4 Rbfox RNA-binding protein selects maternal mRNAs for CCR4-NOT-dependent clearance in early *Caenorhabditis elegans* embryos. *bioRxiv*. 2025 Oct 15; PubMed Central PMCID: [PMC7263254](https://pubmed.ncbi.nlm.nih.gov/296126325/)
- Winkenschach LP, Parker DM, Williams RTP, Nishimura EO. The ERM-1 membrane-binding domain directs erm-1 mRNA localization to the plasma membrane in the *C. elegans* embryo. *Development*. 2022 Nov 15;149(22) PubMed Central PMCID: [PMC793419](https://pubmed.ncbi.nlm.nih.gov/3793419/)
- Parker DM, Winkenschach LP, Osborne Nishimura E. It's Just a Phase: Exploring the Relationship Between mRNA, Biomolecular Condensates, and Translational Control. *Front Genet*. 2022;13:91220. PubMed Central PMCID: [PMC9271857](https://pubmed.ncbi.nlm.nih.gov/39271857/)
- Parker DM, Winkenschach LP, Parker A, Boyson S, Nishimura EO. Improved Methods for Single-Molecule Fluorescence In Situ Hybridization and Immunofluorescence in *Caenorhabditis elegans* Embryos. *Curr Protoc*. 2021 Nov;(111)e299. PubMed Central PMCID: [PMC9200185](https://pubmed.ncbi.nlm.nih.gov/39200185/)
- Parker DM, Winkenschach LP, Boyson S, Saxton MN, Daikosa C, Al-Mazaydeh ZA, Nishimura MT, Mueller F, Osborne Nishimura E. mRNA localization is linked to translatio regulation in the *Caenorhabditis elegans* germ lineage. *Development*. 2020 Jul 8;147(13) PubMed Central PMCID: [PMC7358130](https://pubmed.ncbi.nlm.nih.gov/37358130/)

*Other Significant Products Highlighting Contributions to Science*

- Ogg HA, Mikol ZM, King DC, Hira CE, Arhouma Z, Nishimura EO, Kading RC, Campbell CL. Altered histone modifications in *Aedes aegypti* midguts following Rift Valley fever virus exposure. *Sci Rep*. 2026 Jan 29;16(1):6605. PubMed

NIH Biographical Sketch v.2026-1



# CVs and feelings of inadequacy

- Highlight your strengths
- Give yourself permission to be you
- Cultivate a growth mindset
- Reframe “gaps” as “opportunities”
- Aim for the right fit

# Think about whether you want to disclose personal information

- Service around
  - Race
  - LGBT+ status
  - Disability
- Diversity Work



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# **Additional Resources & Links**

# Additional Resources for CVs

- Career Center – Colostate:
  - <https://career.colostate.edu/creating-a-curriculum-vitae-cv/>
- A guide to creating high quality curriculum vitae
  - <https://pmc.ncbi.nlm.nih.gov/articles/PMC8678947/>

# Grit, Resilience, Resolve

- Angela Duckworth's Grit Ted Talk
  - [https://youtu.be/H14bBuluwB8?si=Cd3zEXKpiHQPzC\\_9](https://youtu.be/H14bBuluwB8?si=Cd3zEXKpiHQPzC_9)
- NIH Becoming a Resilient Scientist Workshop Series
  - <https://www.training.nih.gov/wellbeing/join-webinars-and-lectures/brs/>
- Be inspired by real-world people and their stories of triumph
  - Offline is better