

# **HS SPPO Contacts Meeting**

November 17, 2020

### Agenda

- UC San Diego Updates & Reminders (Erika Wilson)
- HS SPPO & NIH Updates & Reminders
   + HS SPPO Newsletter Raffle
   (Rachel Cook)
- Questions

### This meeting is being recorded

By continuing to be in the meeting, you are consenting to be recorded.





# **UC San Diego Updates & Reminders**

- with Erika Wilson, Senior Director, HS SPPO



### NIH Other Transactions Applications (OT) & HS SPPO

- The NIH OT applications have been transitioned from OCGA to HS SPPO with regards to submitting the applications as well as the JIT.
  - Kuali PD: you will now need to select the Proposal Type as Grant and not Contract. By selecting Grant, this will correctly route the PD Record to HS SPPO for review and submission.
- The OCGA contact for these types of awards is the OCGA Principal Contracts & Grants Officer.
- When you have one of these types of applications, please route it early due to the terms and conditions in the FOA. In most cases, these are negotiated at the time of award, but HS SPPO still needs to be aware of them. Additionally, some of these are very large budget-wise, thus we may either require Erika to submit or obtain approval by the Chancellor to submit.



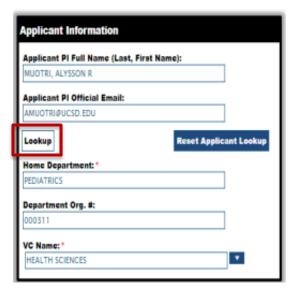
### Progress Reports and PD Records



• When you have a Progress Report, Renewal, or Supplement where the previous record was created in ePD (NOT PD), please do NOT COPY the previous ePD Record in order to create the new PD Record & PD #. If you do so, this will pull in data that is no longer used in the new system, thus causing issues at time of record finalization and attempted move to IP. Instead, create a NEW PD RECORD to avoid issues further down in the process.



### Creating a New ePIE & the Lookup Tool in OnBase



- When creating a new ePIE in OnBase, utilize the Lookup Tool to have the correct data pulled over and into the form. Please avoid the option to hand enter or overwrite the data. If you hand enter or overwrite the data (esp. the job code), the system may not correctly determine if there are specific or conditional exceptions – which in most cases, do not require an ePIE.
- If an employee record is found, the 'Applicant Information' section as well as the following fields will auto-populate:
  - Current Appointment Title Name
  - Current Appointment Title Code
  - Current Appointment Begin Date
  - Current Appointment End Date
- If multiple records are found, identify the appropriate appointment from the pop-up options. Click the 'Select' button to the right of the correct entry.

OnBase ePIE End-User Manual:

https://blink.ucsd.edu/research/ files/PIE-End-User-Manual1.pdf



### RPPR & Unobligated Balances: What Should You Do?

- What should you do if you have a very large unobligated balance in a Progress Report?
- What should you do if your unobligated balance does not match what NIH sees in their system? And what they see is much larger?





## NIH & HS SPPO Updates & Reminders

- with Rachel Cook, Senior Grant Analyst, Supervisor, HS SPPO



# NOT-OD-21-088: Continued Extension of Certain Flexibilities for Prospective Basic Experimental Studies With Human Participants

- This Notice extends the interim policy flexibilities regarding registration and results reporting for a subset of NIH-funded research whose primary purpose is basic experimental studies with humans (BESH).
- These studies are where "prospective basic science studies involving human participants" meet both the NIH definition of a "clinical trial" and the definition of basic research.
- This additional extension will last through September 24, 2023.
- Special considerations for BESH site: <a href="https://grants.nih.gov/policy/clinical-trials/specific-funding-opportunities.htm">https://grants.nih.gov/policy/clinical-trials/specific-funding-opportunities.htm</a>
- FAQs: <a href="https://grants.nih.gov/faqs#/clinical-trial-specific-foas.htm?anchor=header11627">https://grants.nih.gov/faqs#/clinical-trial-specific-foas.htm?anchor=header11627</a>



# NOT-OD-21-084: Updated Reporting Requirements for RADx-rad Grant Recipients

- This notice updated the terms and conditions of award for recipients of grant awards issued under the RADx Radical (rad) initiative.
- In addition to the annual RPPR Progress Report, the awardees will also be required to submit an interim progress report every 6 months outlining key milestones that have been met.
  - This will be uploaded using the <u>Additional Materials (AM)</u> tool in eRA Commons. The AOR is required to submit these interim reports. For YR 1 awards, these are <u>due on June 30, 2021</u>.
  - Since this is considered Post-Award, your OCGA Contracts & Grants Officer would be the appropriate AOR to submit this interim Progress Reports.





### NOT-OD-21-074: Childcare Costs for NRSA Individual Fellows

- In NIH's ongoing efforts to support family-friendly work environments for the NIH-supported workforce, NIH will begin providing childcare support to recipients of NRSA fellowships, on or after April 8, 2021.
- Each fellow is eligible to receive \$2,500 per budget period for costs for childcare provided by a licensed childcare provider. For households where both parents are NRSA fellows, each parent is eligible to receive \$2,500.
- Applicants and recipients may request the NRSA childcare costs as part of new applications, continuation applications (Type 5), or as an administrative supplement request (Type 3).
- In FY2022, it is planned to also phase in NRSA Trainees to this opportunity.
- FAQs: <a href="https://grants.nih.gov/faqs#/funding\_programs\_childcare\_costs.htm">https://grants.nih.gov/faqs#/funding\_programs\_childcare\_costs.htm</a>



# NOT-OD-21-063: Policy on Protecting Life in Global Health Assistance is Revoked

- This Notice rescinds guidance previously issued on June 23, 2017 (<u>NOT-OD-17-083</u>) and February 19, 2019 (<u>NOT-OD-19-079</u>) concerning NIH's implementation of the requirements for Protecting Life in Global Health Assistance (PLGHA) policy.
- This applies to grants and cooperative agreement awards to direct recipients, from a non-governmental pass-through entity, or as a subrecipient of a domestic or other foreign NGO. For NIH, this policy applies to all awards provided under PEPFAR.
- The PLGHA policy required foreign NGOs to agree to not perform or actively promote abortion as a method of family planning, or provide financial support to any other foreign non-governmental organization that conducts such activities.



### NOT-OD-21-073: Changes to the Biographical Sketch & Other Support



- The upcoming changes to the Biographical Sketch and Other Support will be effective for due dates on or after May 25, 2021. This includes Applications, Progress Reports, and JIT.
- Nothing has changed, just NIH's approach in which they are clarifying policies and updating forms and instructions, including SciENcv.
  - NIH will now provide details on in-kind contributions, defined "gifts", and outlined the purpose of the Biographical Sketch
  - NIH has updated application forms and instructions for Biographical Sketches and Other Support.
- GPS updates still pending publication: there will be a new subsection GPS 2.3 created to consolidate the requirements for easier reference that will include: who submits, when it is submitted, and how it is used by reviewers

  UCSan Diego

HEALTH SCIENCES

### Reminder of Why: Openness & Transparency

- Commitment transparency <u>is transparency</u> and reporting of ALL research activities, domestic and foreign
  - Openness and transparency enables productive collaboration and helps ensure appropriate disclosure of potential Conflict of Interest (COI) and Conflict of Commitment (COC).
  - Failure to disclose substantial contributions of resources from other organizations, including foreign governments, threatens to distort decisions about the appropriate use of NIH funds.







# **Biographical Sketches Changes**

<u> https://grants.nih.gov/grants/forms/biosketch.htm</u>

### Biographical Sketch Non-Fellowship Format Page

### CURRENT FORMAT (as of July 2020)

OMB No. 0925-0001 and 0925-0002 (Rev. 03/2020 Approved Through 02/28/2023)

#### BIOGRAPHICAL SKETCH

Provide the following information for the Seniorikey personnel and other significant contributors. Follow this format for each person. DO NOT EXCEED FIVE PAGES.

NAME:

eRA COMMONS USER NAME (credential, e.g., agency login):

POSITION TITLE:

EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable. Add/delete rows as necessary.)

INSTITUTION AND LOCATION	DEGREE (if applicable)	Completion Date MM/YYYY	FIELD OF STUDY

- A. Personal Statement
- B. Positions and Honors
- C. Contributions to Science
- D. Additional Information: Research Support and/or Scholastic Performance

### Changes, effective on or after May 25, 2021 (in red)

BIOGRAPHICAL SKETCH

Provide the following information for the Seniorikey personnel and other significant contributors. Follow this format for each person. DO NOT EXCEED FIVE PAGES.

NAME:

eRA COMMONS USER NAME (credential, e.g., agency login):

POSITION TITLE:

EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable. Add/delete rows as necessary.)

INSTITUTION AND LOCATION	DEGREE (if applicable)	Completion Date MM/YYYY	FIELD OF STUDY

- A. Personal Statement
- B. Positions, Scientific Appointments, and Honors
- C. Contributions to Science

Updated Section B to capture ALL scientific positions and appointments, other <u>foreign</u> and domestic as well as <u>both paid and not-paid.</u>

### Biographical Sketch Non-Fellowship Example

OMB No. 0925-0001 and 0925-0002 (Rev. 12/2020 Approved Through 02/28/2023)

#### BIOGRAPHICAL SKETCH

Provide the following information for the Senior/key personnel and other significant contributors. Follow this format for each person. DO NOT EXCEED FIVE PAGES.

NAME: Hunt, Morgan Casey

eRA COMMONS USER NAME (credential, e.g., agency login): huntmc1

POSITION TITLE: Associate Professor of Psychology

EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable. Add/delete rows as necessary.)

INSTITUTION AND LOCATION	DEGREE (if applicable)	Completion Date MM/YYYY	FIELD OF STUDY
University of California, Berkeley	BS	05/2003	Psychology
University of Vermont	PHD	05/2009	Experimental Psychology
University of California, Berkeley	Postdoctoral	08/2013	Public Health and Epidemiology

#### A. Personal Statement

I am an Associate Professor of Psychology, and my research is focused on neuropsychological changes associated with addiction. I have a broad background in psychology, with specific training and expertise in ethnographic and survey research and secondary data analysis on psychological aspects of drug addiction. As PI or co-Investigator on several university- and NIH-funded grants, I laid the groundwork for the proposed research by developing effective measures of disability, depression, and other psychosocial factors relevant to the aging substance abuser, and by establishing strong ties with community providers that will make it possible to recruit and track participants over time as documented in the following publications. In addition, I successfully administered the projects (e.g. staffing, research protections, budget), collaborated with other researchers, and produced several peer-reviewed publications from each project. As a result of these previous experiences, I am aware of the importance of frequent communication among project members and of constructing a realistic research plan, timeline, and budget. The current application builds logically on my prior work. During 2015-2016, my career was disrupted due to family obligations. However, upon returning to the field, I immediately resumed my research projects and collaborations and successfully competed for NIH support. In summary, I have the expertise, leadership, training, expertise and motivation necessary to successfully carry out the proposed research project.

Ongoing and recently completed projects that I would like to highlight include:

R01 DA942367 Hunt (PI)

09/01/16-08/31/21

Health trajectories and behavioral interventions among older substance abusers

R01 MH922731 Merryle (PI), Role: co-investigator 12/15/17-11/30/22

Physical disability, depression and substance abuse in the elderly

Key Personnel may include details on ongoing and
 completed research projects from the past three years that they want to draw attention to here.

R21 AA998075 Hunt (PI) 01/01/19-12/31/21 Community-based intervention for alcohol abuse

#### Citations:

- Mercyle, R.J. & Hunt, M.C. (2015). Independent living, physical disability and substance abuse among the elderly. Psychology and Aging, 23(4), 10-22.
- Hunt, M.C., Jensen, J.L. & Crenshaw, W. (2018). Substance abuse and mental health among community-dwelling elderly. International Journal of Geriatric Psychiatry, 24(9), 1124-1135.
- Hunt, M.C., Wiechelt, S.A. & Merryle, R. (2019). Predicting the substance-abuse treatment needs
  of an aging population. American Journal of Public Health. 45(2), 236-245. PMCID: PMC9162292
- Merryle, R. & Hunt, M.C. (2020). Randomized clinical trial of cotinine in older nicotine addicts. Age and Ageing, 38(2), 9-23. PMCID: PMC9002364

#### B. Positions, Scientific Appointments, and Honors

#### Positions and Scientific Appointments

2021– Present	Associate Professor, Department of Psychology, Washington University, St. Louis, MO
2020 - Present	Adjunct Professor, McGill University Department of Psychology, Montreal, Quebec, Canada
2018 - Present	NIH Risk, Adult Addictions Study Section, members
2015 - 2017	Consultant, Coastal Psychological Services, San Francisco, CA
2014 - 2021	Assistant Professor, Department of Psychology, Washington University, St. Louis, MO
2014 - 2015	NIH Peer Review Committee: Psychobiology of Aging, ad hoc reviewer
2014 - Present	Board of Advisors, Senior Services of Eastern Missouri
2013 - 2014	Lecturer, Department of Psychology, Middlebury College, Middlebury, VT
2011 - Present	Associate Editor, Psychology and Aging
2009 - Present	Member, American Geriatrics Society
2009 - Present	Member, Gerontological Society of America
2009 - 2013	Fellow, Division of Intramural Research, National Institute of Drug Abuse, Bethesda, MD
2006 – Present	Member, American Psychological Association

Honors

2020 Award for Best in Interdisciplinary Ethnography, International Ethnographic Society
2019 Excellence in Teaching, Washington University, St. Louis, MO
2018 Outstanding Young Faculty Award, Washington University, St. Louis, MO

#### C. Contributions to Science

- 1. My early publications directly addressed the fact that substance abuse is often overlooked in older adults. However, because many older adults were raised during an era of increased drug and alcohol use, there are reasons to believe that this will become an increasing issue as the population ages. These publications found that older adults appear in a variety of primary care settings or seek mental health providers to deal with emerging addiction problems. These publications document this emerging problem and guide primary care providers and geriatric mental health providers to recognize symptoms, assess the nature of the problem and apply the necessary interventions. By providing evidence and simple clinical approaches, this body of work has changed the standards of care for addicted older adults and will continue to provide assistance in relevant medical settings well into the future. I served as the primary investigator or co-investigator in all of these studies.
- Gryczynski, J., Shaft, B.M., Merryle, R., & Hunt, M.C. (2013). Community based participatory research with late-life addicts. American Journal of Alcohol and Drug Abuse. 15(3), 222-238.

B. List in reverse chronological order all positions and scientific appointments both domestic and foreign, including affiliations with foreign entities or governments. This includes titled academic, professional, or institutional appointments whether or not remuneration is received, and whether full-time, part-time, or voluntary (including adjunct, visiting, or honorary).



### Biographical Sketch Non-Fellowship Example (continued)

- Shaft, B.M., Hunt, M.C., Merryle, R., & Venturi, R. (2014). Policy implications of genetic transmission of alcohol and drug abuse in female nonusers. International Journal of Drug Policy, 30(5) 46-58
- c. Hunt, M.C., Marks, A.E., Shaft, B.M., Merryle, R., & Jensen, J.L. (2015). Early-life family and community characteristics and late-life substance abuse. Journal of Applied Gerontology, 28(2),26-37
- d. Hunt, M.C., Marks, A.E., Venturi, R., Crenshaw, W. & <u>Ratonian</u>, A. (2018). Community-based intervention strategies for reducing alcohol and drug abuse in the elderly. Addiction, 104(9), 1436-1606. PMCID: PMC9000292
- 2. In addition to the contributions described above, with a team of collaborators, I directly documented the effectiveness of various intervention models for older substance abusers and demonstrated the importance of social support networks. These studies emphasized contextual factors in the etiology and maintenance of addictive disorders and the disruptive potential of networks in substance abuse treatment. This body of work also discusses the prevalence of alcohol, amphetamine, and opioid abuse in older adults and how networking approaches can be used to mitigate the effects of these disorders.
  - Hunt, M.C., Merryle, R. & Jensen, J.L. (2015). The effect of social support networks on morbidity among elderly substance abusers. Journal of the American Geriatrics Society, 57(4), 15-23.
  - b. Hunt, M.C., Pour, B., Marks, A.E., Merryle, R. & Jensen, J.L. (2018). Aging out of methadone treatment. American Journal of Alcohol and Drug Abuse, 15(6), 134-149.
  - c. Merryle, R. & Hunt, M.C. (2020). Randomized clinical trial of cotinine in older nicotine addicts. Age and Ageing, 38(2), 9-23. PMCID: PMC9002364
- 3. Methadone maintenance has been used to treat narcotics addicts for many years, but I led research that has shown that over the long-term, those in methadone treatment view themselves negatively and they gradually begin to view treatment as an intrusion into normal life. Elderly narcotics users were shown in carefully constructed ethnographic studies to be especially responsive to tailored social support networks that allow them to eventually reduce their maintenance doses and move into other forms of therapy. These studies also demonstrate the policy and commercial implications associated with these findings.
  - Hunt, M.C. & Jensen, J.L. (2013). Morbidity among elderly substance abusers. Journal of the Geriatrics, 60(4), 45-61.
  - Hunt, M.C. & Pour, B. (2015). Methadone treatment and personal assessment. Journal Drug Abuse. 45(5), 15-26.
  - Mercyle, R. & Hunt, M.C. (2018). The use of various nicotine delivery systems by older nicotine addicts. Journal of Ageing, 54(1), 24-41. PMCID: PMC9112304
  - d. Hunt, M.C., Jensen, J.L. & Merryle, R. (2020). The aging addict: ethnographic profiles of the elderly drug user. NY, NY: W. W. Norton & Company.

#### Complete List of Published Work in MyBibliography:

https://www.ncbi.nlm.nih.gov/myncbi/1lCifFFV4VYQZE/bibliography/public/

D. 'Research Support' has been removed.
Section D is solely present on the fellowship version of the Biosketch, and no longer includes research support due to duplication of effort with Other Support & to harmonize format with NSF.



### Biographical Sketch Fellowship Format Page

### CURRENT FORMAT (as of July 2020)

OMB No. 0925-0001 and 0925-0002 (Rev. 03/2020 Approved Through 02/28/2023)

#### BIOGRAPHICAL SKETCH

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NAME:

eRA COMMONS USER NAME (credential, e.g., agency login):

POSITION TITLE:

EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable. Add/delete rows as necessary.)

INSTITUTION AND LOCATION	DEGREE (if applicable)	Start Date MM/YYYY	Completion Date MM/YYYY	FIELD OF STUDY

- A. Personal Statement
- B. Positions and Honors
- C. Contributions to Science
- D. Additional Information: Research Support and/or Scholastic Performance

YEAR	COURSE TITLE	GRADE	
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### Changes, effective on or after May 25, 2021 (in red)

#### BIOGRAPHICAL SKETCH

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POSITION TITLE:

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INSTITUTION AND LOCATION	DEGREE (if applicable)	Start Date MM/YYYY	Completion Date MM/YYYY	FIELD OF STUDY

- A. Personal Statement
- B. Positions, Scientific Appointments, and Honors
- C. Contributions to Science
- D. Scholastic Performance

YEAR	COURSE TITLE	GRADE
	•	

### Biographical Sketch Pre-Doctoral Fellowship Example

DOMB No. 0925-0001 and 0925-0002 (Rev. 12/2020 Approved Through 02/28/2023)

#### BIOGRAPHICAL SKETCH

Provide the following information for the Senior/key personnel and other significant contributors. Follow this format for each person. DO NOT EXCEED FIVE PAGE 8.

NAME: Simmons-Gonzales, Leilani

eRA COMMONS LISER NAME (credential, e.g., agency login); SimmonsL

POSITION TITLE: Graduate Student Research Assistant

EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable, Add/delete rows as necessary.)

INSTITUTION AND LOCATION	DEGREE (if applicable)	Start Date MM/YYYY	Completion Date MM/YYYY	FIELD OF STUDY
Purdue University	BA	08/2014	05/2018	Biological Chemistry
UC San Diego	PHD	08/2018	05/2023 (Expected)	Molecular Biology

#### A. Personal Statement

I first became interested in human health and disease in high school when I was awarded an NIH Diversity Supplement to work as a research technician for two summers in Dr. Indira Creative's lab at the University of Hawaii. I continued to pursue this interest as an undergraduate at Purdue University, where I conducted research with Dr. Daniel Richardson on the mechanisms of action of a new class of small molecules for cancer treatment. This resulted in a co-authorship publication, as well as an invitation to present a poster at the annual Oncological meeting in Denver, Colorado. By the end of my undergraduate career, I knew that I wanted to pursue a long-term career in research. For my graduate training at UC San Diego, I have moved into the fields of genetics and biochemistry by studying the signaling and motility mechanisms of cancer cells, under the mentorship of Dr. Nani Green. Dr. Green is an internationally recognized leader in the field of cancer genetics and has an extensive record for training predoctoral and postdoctoral fellows. Along with giving me new conceptual and technical training, the proposed training plan outlines a comprehensive set of career development activities and workshops. I will have opportunities to engage in public speaking, conductifierature analysis, consider biomedical ethics, and learn about varied career options. For my initial project Jam currently developing a novel protocol for the identification of transcription complexes involved in cancer signaling pathways, which I hope to submit as a first author publication in the next few months. As a native Hawaiian, I am the first in my family to graduate from college, and I am excited to continue making great strides with my education. Overall, I believe that my current research setting in conjunction with my proposed training plan will provide a solid foundation for my long-term goal to become an avademic researcher.

1. Nieman PY, Simmons-Gonzales L, Richardson, D. Gen Y: a povel small molecule with cytotoxic abilities targeting colon cancer cells. Cellular and Molecular Tology, 2018 June, 7(20):13672-78.

B. Positions, Scientific Appointments, and Honors

Positions and Scientific Appointments

2019 - 2020 Robertson Fellowship for Outstanding Graduate Students, Genetics Department, UC San

2018 - Present Graduate Research Assistant, UC San Diego 2016 - 2018 Lab Technician, University of Hawaii

2014 - Present Member. Association for Women in Science 2014 - 2016

Diversity Supplement, National Institutes of Health

Member, Sigma Xi

Honors

2014 - Present

2020 Virtual Poster Presenter, Genetics and Molecular Biology Meeting Poster Presenter, Advances in Cancer Research and Therapy Meeting 2019

2018 Paula F. Laufenberg award for best senior project in the Biology Department, Purdue

2014 - 2018 Scholarship, National Merit Scholarship Program 2014 Scholarship, Daughters of Hawaii Society

#### C. Contributions to Science

- 2. High School Research: I spent two summers loing research in the laboratory of Dr. Indira Creative at University of Hawaii, funded by a NIH Diversity Supplement award. Dr. Creative has developed several new anti-fungal drugs that might protect against skin infections. Over the course of two summers I set up in vitro cultures of skin cell lines are conducted a wide range of toxicity assays. We were excited to find that one of the new agents showed almost no toxicity, even at fairly high doses. Dr. Creative is now testing the drug in animals exposed to different types of fungal infections, including Candida albicans.
  - 1. Footman B, Eisser JK, Immons-Gonzales, L, Creative IM. Testing XXH for toxicity in vitro. University of Hawaii Research Symposium; 2012 May; Manoa, Hl.
- Undergraduate Research: I was part of a project in the laboratory of Dr. Daniel Richardson at Purdue University, Dr. Richardson's laboratory studies the mechanisms of action of small molecules for cancer treatment. During my time in his lab I was looking at how a new small molecule, Gen Y, is able to target cancerous cells. My contributions to this work were included in a publication recently accepted in Cellula and Molecular Biology. The work was particularly exciting because it looks like the mechanism of action of Gen Y might be completely novel, making it a potential candidate for treating patients flicted with colon cancer. Dr. Richardson was recently awarded a patent for this new drug.
- Nieman PY, Simmons-Gonzales L, Richardson, D. Gen Y: a novel small molecule with cytotoxic abilities targeting colon cancer cells, Cellular and Molecular Biology, 2018 June, 7(20):13672-78.
- 2. Simmons-Gonzales, L., Richardson, D. Testing the ability of a small molecule, Gen Y, to target colon cancer cells. Advances in Cancer Research and Therapy; 2019 September; Denver, CO.
- Graduate Research: My ongoing predoctoral research is focused on transcriptional gene regulation and signaling impacting motility of cancer cells. I believe the results from my research will likely be highly relevant to human health as they will provide new details into the workings of complex biological systems, which will allow for further extrapolations into the development of several types of cancer and their progression. I am currently developing a novel protocol for the identification of transcription complexes involved in cancer signaling pathways, which I hope to submit as a first author publication in
- 1. Simmons-Gonzales, L. Green, N. A tandem identification approach for transcriptional complexes involved in the signaling and motility of cancerous cells. Genetics and Molecular Biology Virtual Meeting: 2020 September

B. List in *reverse* chronological order all positions and scientific appointments both domestic and foreign, including affiliations with foreign entities or governments. This includes titled academic, professional, or institutional appointments whether or not remuneration is received, and whether full-time. part-time, or voluntary (including adjunct, visiting, or honorary).

D. Scholastic Performance

D. Scholastic Performance updated to remove 'Research Support' has been removed. Section D is solely present on the fellowship version of the Biosketch, and no longer includes research support.

		<u> </u>	- ''
Γ	YEAR	COURSE TITLE	GRAD
		PURDUE UNIVERSITY	
	2014	Introductory Biology	A
	2014	Introductory Biology Lab	A
	2014	Foundations of Chemical Principles	A
	2014	French and Francophone World	A



### Biographical Sketch Pre-Doctoral Fellowship Example (continued)

YEAR	COURSE TITLE	GRADE
2014	Ethics, Religion, and Culture Today	A
2015	Organismal and Population Biology	В
2015	Omics	В
2015	First Year Seminar: Nation and Migration	Α
2015	Statistics, Probability, and Reliability	A
2015	Calculus I	В
2015	General Physics I	В
2015	Introductory Chemistry	A
2015	Population & Ecol Genetics	A
2015	Organic Chemistry	В
2016	American Literature	В
2016	General Physics II	В
2016	Organic Chemistry II	В
2016	Microbial Pathogenesis and the Immune Response	A
2016	Introduction to Cognitive Science	A
2016	Self Defense	Р
2016	Biological Chemistry	В
2017	Anthropology of Childhood and the Family	Α
2017	Disease, Culture, and Society in the Modern World	Α
2017	Intro to Psychology	Α
2017	Health & Fitness Walking	P
2017	State & Local Govt	Α
2017	Human Genetic20	Α
2017	Senior Project	Α
2017	Bioinformatics	В
2018	Cell Biology	Α
2018	Quantitative Analysis	В
2018	Quantitative Analysis Lab	Α
2018	Physics in Modern Medicine	A
2018	Ethical Principles in Law and Economics	В
2018	Bowling	P
2018	Genomics and Systems Biology	Α
2018	Senior Project	Α
	UC SAN DIEGO	
2018	Seminar in Genetics	P
2018	Statistics for the Life Sciences	Р
2018	Ethics in Biological Research	CRE
2019	Seminar in Physiology and Behavior	P
2019	Cancer Immunology	P
2020	Mechanisms of Cell Motility	P
2020	Biochemical Mechanisms of Cancer Cells	P
2020	Toxicology	P
2020	Physiology for the Molecular Biologist	P



Except for the scientific ethics course, UC San Diego graduate courses are graded P (pass) or F (fail). Passing is C plus or better. The scientific ethics course is graded CRE (credit) or NC (no credit). Students must attend at least seven of the eight presentation/discussion sessions for credit.

### Biographical Sketch Post-Doctoral Fellowship Example

OMB No. 0925-0001 and 0925-0002 (Rev. 12/2020 Approved Through 02/28/2023)

#### BIOGRAPHICAL SKETCH

Provide the following information for the Senior/key personnel and other significant contributors. Follow this format for each person. **DO NOT EXCEED FIVE PAGE 8.** 

NAME: Hayes, Susan

eRA COMMONS <u>LISER NAME</u> (credential, e.g., agency login): <u>HavesS</u>

POSITION TITLE: Postdoctoral Fellow

EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable. Add/delete rows as necessary.)

INSTITUTION AND LOCATION	DEGREE (if applicable)	Start Date MM/YYYY	Completion Date MM/YYYY	FIELD OF STUDY
Wake Forest University	BS	08/2009	05/2013	Engineering
Georgetown University	PHD	08/2013	05/2019	Molecular Biology
Michigan State University	Postdoctoral Fellow	09/2019	Present	Bioinformatics/Immun ology

#### A. Personal Statement

My academic training and research experience have provided me with an excellent background in multiple biological disciplines including molecular biology, microbiology, biochemistry, and genetics. As an undergraduate, I conducted research with Dr. Xavier Factor on the mechanisms of action of a new class of antibiotics. As a predoctoral student with Dr. Tanti Auguri, my research focused on the regulation of transcription in yeast, and I gained expertise in the isolation and biochemical characterization of transcription complexes. I developed a novel protocol for the purification of components of large transcription complexes. I was first author of the initial description of the Most Novel Complex. A subsequent first author publication challenged a key paradigm of transcription elongation and was a featured article in a major journal. During my undergraduate and graduate careers, I received several academic and teaching awards. For my postdoctoral training, I will continue to build on my previous training in transcriptional controls by moving into a mammalian system that will allow me to address additional questions regarding the regulation of differentiation and development. My sponsor Dr. I.M. Creative is an internationally recognized leader in the transcription/chromatin field and has an extensive record of training postdoctoral fellows. The proposed research will provide me with new conceptual and technical training in developmental biology and whole genome analysis. In addition, the proposed training plan outlines a set of career development activities and workshops - e.g. grant writing, public speaking, lab management, and mentoring students - designed to enhance my ability to become an independent investigator. My choice of sponsor, research project, and training will give me a solid foundation to reach my goal of studying developmental diseases in humans. During my second postdoctoral year in Dr. Creative's lab, my father had a severe stroke that eventually ended his life. I was out of the lab for six months dealing with my father's incapacitating illness and end-of-life issues. This hiatus in training reduced my scientific productivity. I am confident this proposed research project and training plan will enhance my scientific portfolio and will help recuperate my scientific productivity. My long-term research goals involve becoming an independent researcher and developing a comprehensive understanding of key developmental pathways and how alterations in gene expression contribute to human disease.

 Hayes S, Schneider K, Chen M, <u>Auguri</u> T. Rapid isolation and characterization of a novel transcription complex in Saccharomyces cerevisiae and its role in transcription elongation. Journal of Cell Biology. 2016; 128:770.

- Hayes S, Auguri T. A tandem affinity purification tag approach allows for isolation of interacting proteins in Saccharomyces cerevisiae. Proceedings of the National Academy of Sciences of the United States of America. 2019; 98:151.
- Yao M, Dionne CF, Hayes S, Murray GC. Up-regulation of Drosophila innate immunity genes in response to stress. Science (New York, N.Y.). 2020; 304:1754.
- Hayes S, Cescaloo Q, Murray GC. Structural analysis of Drosophila Rtc. Nature. Forthcoming 2021.

#### B. Positions, Scientific Appointments, and Honors

#### Positions and Scientific Appointments

2019 - Present Postdoctoral Researcher, Michigan State University
2015 - 2018 Predoctoral Fellowship for Minorities, Ford Foundation
2013 - 2019 Graduate Research Assistant, Georgetown University
2012 - Present Member, National Society for Bioinformatics and Biotechnology

2010 - Present Member, Association for Women in Science

2010 – 2012 Engineer, The IBeam Group Program

2009 - Present Member, Sigma Xi

#### Honors 2013 2013

2013 B.S. awarded with high honors, Wake Forest University

Paula F. Laufenberg Award for best senior project in the Department of Engineering, Wake

Forest University

2013 STAR award for public service in engineering, The IBeam Group

2010 – 2011 Scholarship, National Merit Scholarship & 2009 – 2011 Scholarship, Daughters of Hawaii Society

#### C. Contributions to Science

- 1. Early Career: My early career contributions were focused on applying my knowledge of structural engineering to improving the design and integrity of tensile structures. More specifically, I worked with a team of engineers at the [Bean, Group to develop concrete with a higher tensile strength that could be utilized in large structures such as suspension bridges. My particular role in the project was to identify candidate polymers, determine the ultimate tensile strength of these polymers, and make recommendations as to which polymer would afford concrete the most structural integrity under various stresses.
  - Hayes S, Janessa AJ. Redesigning the Golden Gate bridge. National Undergraduate Symposium on Science and Engineering; 2011; Baltimore, MD.
  - Lorentson C, Hayes S, Sauer N, Mehta S. Use of high-tensile concrete in cantilevered structures. J Applied Engineering. 2012; 63:413.
- 2. Graduate Career: My graduate research contributions focused on transcriptional gene regulation in Saccharomyces cerevisiae. Results from my research were highly relevant as they provided new details into the workings of complex biological systems and allowed for further extrapolations into the development of certain diseases and their progression. I originally developed a novel protocol for the purification of components of large protein complexes. A subsequent publication, in which I isolated and characterized a long sought-after transcription complex, challenged a key paradigm of transcription elongation and was a featured article in a major journal.
  - a. Hayes S, Schneider K, Chen M, Auguri T. Rapid isolation and characterization of the most novel transcription complex in Saccharomyces cerevisiae and its role in transcription elongation. CSHL Meeting on Mechanisms of Eukaryotic Transcription; 2015 August; Cold Spring Harbor, NY.
  - Hayes S, Schneider K, Chen M, Auguri T. Rapid isolation and characterization of a novel transcription complex in Saccharomyces cerevisiae and its role in transcription elongation. Journal of Cell Biology, 2016: 128:770.

B. List in reverse chronological order all positions and scientific appointments both domestic and foreign, including affiliations with foreign entities or governments. This includes titled academic, professional, or institutional appointments whether or not remuneration is received, and whether full-time, part-time, or voluntary (including adjunct, visiting, or honorary).



### Biographical Sketch Post-Doctoral Fellowship Example (continued)

- Hayes S, Auguri T. A tandem affinity purification tag approach allows for isolation of interacting proteins in Saccharomyces cerevisiae. Yeast Genetics and Molecular Biology Meeting; 2017 September; Seattle, WA.
- d. Hayes S, Auguri T. A tandem affinity purification tag approach allows for isolation of interacting proteins in Saccharomyces cerevisiae. Proceedings of the National Academy of Sciences of the United States of America. 2019: 98:151.
- 3. Postdoctoral Career: As a postdoctoral fellow, my research has provided a compelling link between mutations arising in stress response proteins and the development of various autoimmune diseases in humans. Previous studies have shown dysregulation in the innate immune response lead to autoimmune diseases in humans. A few Rtc homologues have now been identified in humans and appear to play a role in the regulation of genes in the innate immune response. My research is focused on the transcriptional regulator Rtc from Drosophila melanogaster.
  - Hayes S, Yager LN, Murray GC. Rtc is an essential component of the Drosophila innate immune response. Genetics. 2019; 145:884.
  - b. Yao M, Dionne CF, Hayes \$, Murray GC. Up-regulation of Drosophila innate immunity genes in response to stress. Science. 2020; 304:1754.
  - Hayes S, Murray GC. Stress, flies, and videotape: <u>the</u> Drosophila stress response. Annual review of physiology. 2020; 346:223.
  - Hayes S, Cescaloo Q, Murray GC. Structural analysis of Drosophila Rtc. Nature. Forthcoming 2021

Complete List of Published Work in My Bibliography:

https://www.ncbi.nlm.nih.gov/myncbi/1VgYzYESn3Nke9/bibliography/public

D. Scholastic Performance			
COURSE TITLE	GRADE		
GEORGETOWN UNIVERSITY			
Seminar in Molecular Biology	P		
Basic Biomedical & Biological Sciences	P		
Model Systems	P		
Statistics for the Life Sciences	P		
Current Topics in Molecular Genetics	P		
Ethics in Biological Research	CRE		
Biochemistry	P		
Physiology	P		
Seminar in Systems Biology	P		
Protein Chemistry	P		
	COURSE TITLE  GEORGETOWN UNIVERSITY  Seminar in Molecular Biology  Basic Biomedical & Biological Sciences  Model Systems  Statistics for the Life Sciences  Current Topics in Molecular Genetics  Ethics in Biological Research  Biochemistry  Physiology  Seminar in Systems Biology		

Except for the scientific ethics course, Georgetown University graduate courses are graded P (pass) or F (fail). Passing is C plus or better. The scientific ethics course is graded CRE (credit) or NC (no credit). Students must attend at least seven of the eight presentation/discussion sessions for credit. D. Scholastic Performance updated to remove 'Research Support' has been removed. Section D is solely present on the fellowship version of the Biosketch, and no longer includes research support.



### Biosketch FAQs is Broken Down into Five Sections:

- General
- SciENcv
  - Note: use of SciENcv is not required at this time.
- Citations
  - Note: NIH does not require a DOI (Digital Object Identifier) or PMID (PubMed reference number) with each reference in the Biosketch. However, NIH does require a PMCID or other evidence of compliance with the <u>public access policy</u> for papers that <u>fall under</u> the policy and are authored by the applicant or arise from an applicant's NIH award
- Contributions to Science
- Biosketch Compliance
  - Note, during the transition to the new format announced in <u>NOT-OD-21-073</u>, NIH will not withdraw applications that include the previous Biosketch format. <u>Beginning with applications submitted on or after January 25, 2022, failure to follow the appropriate Biosketch format may cause NIH to withdraw your application from consideration.</u>

HEALTH SCIENCES



# **Other Support Changes**

<u>https://grants.nih.gov/grants/forms/othersupport.htm</u> https://grants.nih.gov/faqs#/other-support-and-foreign-components.htm

### Reminder: Why Other Support Reviewed?



- NIH scientific program and grants management staff review Other Support information to ensure that:
  - <u>All</u> resources, <u>domestic or foreign</u>, directly supporting the individual's research endeavors have been reported
  - Sufficient levels of effort are committed to the project
  - There is no scientific, budgetary, or commitment overlap
  - Only funds necessary to the approved project are included in the award (example is subawards or multiproject awards)
  - Any foreign resources that meet the definition of a foreign component have received <u>appropriate prior approval</u>



### Other Support Format Page

QMB No. 0925-0001 and 0925-0002 (Rev. 12/2020 Approved Through 02/28/2023)

#### For New and Renewal Applications – DO NOT SUBMIT UNLESS REQUESTED PHS 398 OTHER SUPPORT

There is no "form page" for reporting Other Support. Information on Other Support should be provided in the format shown below.

\*Name of Individual: Commons ID:

Other Support – Project/Proposal

\*Title:

Major Goals:

\*Status of Support:

Project Number

Name of PD/PI:

\*Source of Support:

\*Primary Place of Performance:

Project/Proposal Start and End Date: (MM/YYYY) (if available):

- \* Total Award Amount (including Indirect Costs):
- \* Person Months (Calendar/Academic/Summer) per budget period.

M 00000	D M (404-464)
Year (YYYY)	Person Months (####)
1[enter year 1]	
2[enter year 2]	
3[enter year 3]	
4[enter year 4]	
5[enter year 5]	

Note for Subs or Multi-Project Awards: Indicate the project number, Name of PD/PI, and source of Support for the overall project. Provide **all** other information (e.g. total award amount, person months) **for the subproject only**.

OMB No. 0925-0001 and 0925-0002 (Rev. 12/2020 Approved Through 02/28/2023)

Name of Individual: Commons ID:

#### IN-KIND

- \*Summary of In-Kind Contribution:
- \*Status of Support:
- \*Primary Place of Performance:

Project/Proposal Start and End Date (MM/YYYY) (if available):

\*Person Months (Calendar/Academic/Summer) per budget period

ı	Year (YYYY)	Person Months (####)
ı	1[enter year 1]	
ı	2[enter year 2]	
ı	3[enter year 3]	
ı	4[enter year 4]	
ı	5[enter year 5]	
-		

\*Estimated Dollar Value of In-Kind Information:

\*This specific form is mandatory to use as it provides information on ALL domestic & foreign active, pending, and recently completed (w/in the last three years) funded & unfunded support for personnel on NIH funded projects as well as in-kind contributions.

\*Overlap (summarized for each individual):

I, PD/PI or other senior/key personnel, certify that the statements herein are true, complete and accurate to the best of my knowledge, and accept the obligation to comply with Public Health Services terms and conditions if a grant is awarded as a result of this application. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties.

*Signature:	
	<u> </u>
Doto:	

For OS submitted in ASSIST, the <u>PDF</u> must be flattened after it has been signed electronically to avoid submission errors.



### Other Support Format Page Example

For New and Renewal Applications – DO NOT SUBMIT UNLESS REQUESTED PHS 398 OTHER SUPPORT

There is no "form page" for reporting Other Support. Information on Other Support should be provided in the format shown below.

\*Name of Individual: Anderson, R.R. Commons ID: AndersonRR.

Other Support - Project/Proposal

<u>ACTIVE</u>

\*Title: Chloride and Sodium Transport in Airway Epithelial Cells

Major Goals: The major goals of this project are to define the biochemistry of chloride and sodium transport in airway epithelial cells and clone the gene(s) involved in transport.

\*Status of Support: Active

Project Number: 2 R01 HL 00000 - 13

Name of PD/PI: Anderson, R.R.

\*Source of Support: NHLBI

\*Primary Place of Performance: University of California, Los Angeles

Project/Proposal Start and End Date: (MM/YYYY) (if available): 3/1/2021 – 2/28/2028

\* Total Award Amount (including Indirect Costs): \$1,492,232

\* Person Months (Calendar/Academic/Summer) per budget period.

Year (YYYY)	Person Months (##_##)
1. 2021	3.6 calendar
2. 2022	3.6 calendar
3. 2023	3.6 calendar
4. 2024	3.6 calendar
5. 2025	3.6 calendar

\*Title: Ion Transport in Lungs

Major Goals: The major goal of this project is to study chloride and sodium transport in normal and diseased lungs.

\*Status of Support: Active

Project Number: 5 R01 HL 00000-07

Name of PD/PI: Baker, J.B. \*Source of Support: NHLBI

\*Primary Place of Performance: University of California, Los Angeles

Project/Proposal Start and End Date: (MM/YYYY) (if available): 4/1/2017 - 3/31/2022

OMB No. 0925-0001 and 0925-0002 (Rev. 12/2020 Approved Through 02/28/2023)

Name of Individual: Commons ID:

- \* Total Award Amount (including Indirect Costs): \$981,736
- \* Person Months (Calendar/Academic/Summer) per budget period.

Year (YYYY)	Person Months (## ##)
4. 2020	1.2 calendar
5. 2021	1.2 calendar

#### PENDING

\*Title: Liposome Membrane Composition and Function

Major Goals: The major goals of this project are to define biochemical properties of liposome membrane components and maximize liposome uptake into cells.

\*Status of Support: Pending Project Number: DCB 950000 Name of PD/PI: Anderson, R.R.

\*Source of Support: National Science Foundation

\*Primary Place of Performance: University of California, Los Angeles

Project/Proposal Start and End Date: (MM/YYYY) (if available): 10/1/2021 - 9/30/2023

\* Total Award Amount (including Indirect Costs): \$262,921

Person Months (Calendar/Academic/Summer) per budget period.

Year (YYYY)	Person Months (## ##)
1. 2021	2.4 calendar
2. 2022	2.4 calendar

#### COMPLETED

\*Title: Gene Transfer of CFTR to the Airway Epithelium

Major Goals: The major goals of this project are to identify and isolate airway epithelium progenitor cells and express human CFTR in airway epithelial cells.

\*Status of Support: Completed

Project Number: R000

Name of PD/PI: Anderson, R.R.

\*Source of Support: Cystic Fibrosis Foundation

\*Primary Place of Performance: University of California, Los Angeles

Project/Proposal Start and End Date: (MM/YYYY) (if available): 9/1/17 - 8/31/20



### Other Support Format Page Example (continued)

Name of Individual: Commons ID:

IN-KIND

\*Summary of In-Kind Contribution: Post-doctoral fellow, Dr. John Smith, who conducts research activities in the Anderson lab. Salary supported by Oxford University.

\*Status of Support: Active

\*Primary Place of Performance: University of California, Los Angeles

Project/Proposal Start and End Date (MM/YYYY) (if available):

\*Person Months (Calendar/Academic/Summer) per budget period: N/A

\*Estimated Dollar Value of In-Kind Information: \$80,000

\*Summary of In-Kind Contribution: Cell line XYZ provided by Dr. Jennifer Smith at Cornell University.

\*Status of Support: Active

\*Primary Place of Performance: University of California, Los Angeles

Project/Proposal Start and End Date (MM/YYYY) (if available):

\*Person Months (Calendar/Academic/Summer) per budget period: N/A

\*Estimated Dollar Value of In-Kind Information: estimate \$1,000

\*Summary of In-Kind Contribution: C57BL/8-ABC1\*\*\*\*/
\*Indian provided by Dr. Joseph Jones at the University of Texas at Austin.

\*Status of Support: Active

\*Primary Place of Performance: University of California, Los Angeles

Project/Proposal Start and End Date (MM/YYYY) (if available):

\*Person Months (Calendar/Academic/Summer) per budget period: N/A

\*Estimated Dollar Value of In-Kind Information: estimate \$4,000

\*Overlap (summarized for each individual):

There is scientific overlap between aim 2 of NSF DCB 950000 and aim 4 of the application under consideration. If both are funded, the budgets will be adjusted appropriately in conjunction with agency staff. Name of Individual: Commons ID:

), PD/PI or other senior/key personnel, certify that the statements herein are true, complete and accurate to the best of my knowledge, and accept the obligation to comply with Public Health Services terms and conditions if a grant is awarded as a result of this application. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties.

*Signature:Anderson, R.R	
Date: March 25, 2021	



### Upcoming Changes: NIH Other Support Changes

#### **Definition of Gift**

 Gifts are resources provided where there is no expectation of anything (e.g. time, services, specific research activities, money, etc.) in return. Gifts are not reported to NIH in Other Support.



### **Expectations for Reporting In-Kind Resources**

- In-kind contributions, e.g. office/laboratory space, equipment, supplies, employees, students.
- If the time commitment or dollar value of the in-kind contribution is not readily ascertainable, the recipient must provide reasonable estimates.

 The current Other Support Format Page does not collect structured data or allow recipients to provide detail on in-kind contributions.



### Note on Foreign Affiliations, Appointments, and/or Support

- Institutions are required to submit copies of contracts specific to senior/key-personnel foreign appointments and/or employment with a foreign institution for all foreign activities and resources that are reported in Other Support.
- Translations are required, if they are not in English. Note, this does not include personal service contracts, or employment contracts for fellows supported by foreign entities.
- These contracts MUST be uploaded at time of JIT, following the Other Support documents.





### Other Support FAQs is Broken Down into Three Sections (over 40)

#### General

- Other Support Compliance is for any OS submitted on or after May 25, 2021 for JIT as well as for applications, progress reports due on or after May 25, 2021.
- A resource or support not reported to NIH previously, when would you submit to NIH? As soon it becomes known, updated OS should be sent to the GMS listed in the most recent NOA.
- NIH and SciENcv are currently developing an OS template, estimated roll-out is FY 2022.
- Paid-Direct Graduate Students or Post Docs, performing research activities in the lab is a resource available in support of the PI or other key personnel. This must be reported as in-kind contribution in OS. If relationship is solely mentor/mentee, then this is not a resource.
- More General Q&As touch on collaborations, both foreign and domestic in the lab or that directly benefit
  the Pl's research, what NIH does when it determines an institution has not complied with NIH policies for
  transparency and disclosure, as well as to err on the side of caution when you are not sure if something
  should be included or no in the OS.



### Other Support FAQs (continued)

#### In-Kind Contributions

- If an in-kind contribution, such as technology, chemicals, etc. is intended for use on the project being proposed to NIH in the application, the information must be included as part of the Facilities and Other Resources or Equipment section of the application and does not need to be replicated on OS.
- For in-kind resources with no associated time commitment, researchers can list zero effort, but must provide the estimated \$ value of the in-kind resource. The effort and \$ value cannot be both be zero.
- Information on materials received from collaborators must be included in the in-kind contribution section
  of Other Support, including the source, a summary of the in-kind contribution, and the estimated value.
  Only resources uniquely available to the researcher must be reported.

### Foreign Contracts

- Personal service contracts for lab staff do not need to be provided.
- NIH will accept machine-read translations.
- Translations of foreign contracts for inclusion in Other Support submissions are not typically allocable to a specific NIH grant project and are therefore not allowable as a direct cost.
- Note, this FAQs page has additional FAQs regarding Foreign Components & FCOI



## **HS SPPO Newsletter Raffle**

- with Rachel Cook, Senior Grant Analyst, Supervisor, HS SPPO



### HS SPPO Newsletter Raffle (Issue 4, Vol 2)

Raffle: Random Name Picker

- 1. Sylvia Isaac
- 2. Kimberley Kruse
- 3. Brianne Decker
- 4. Jessica Sun
- 5. Ariel Tam



https://www.miniwebtool.com/random-name-picker/





UC San Diego
HEALTH SCIENCES