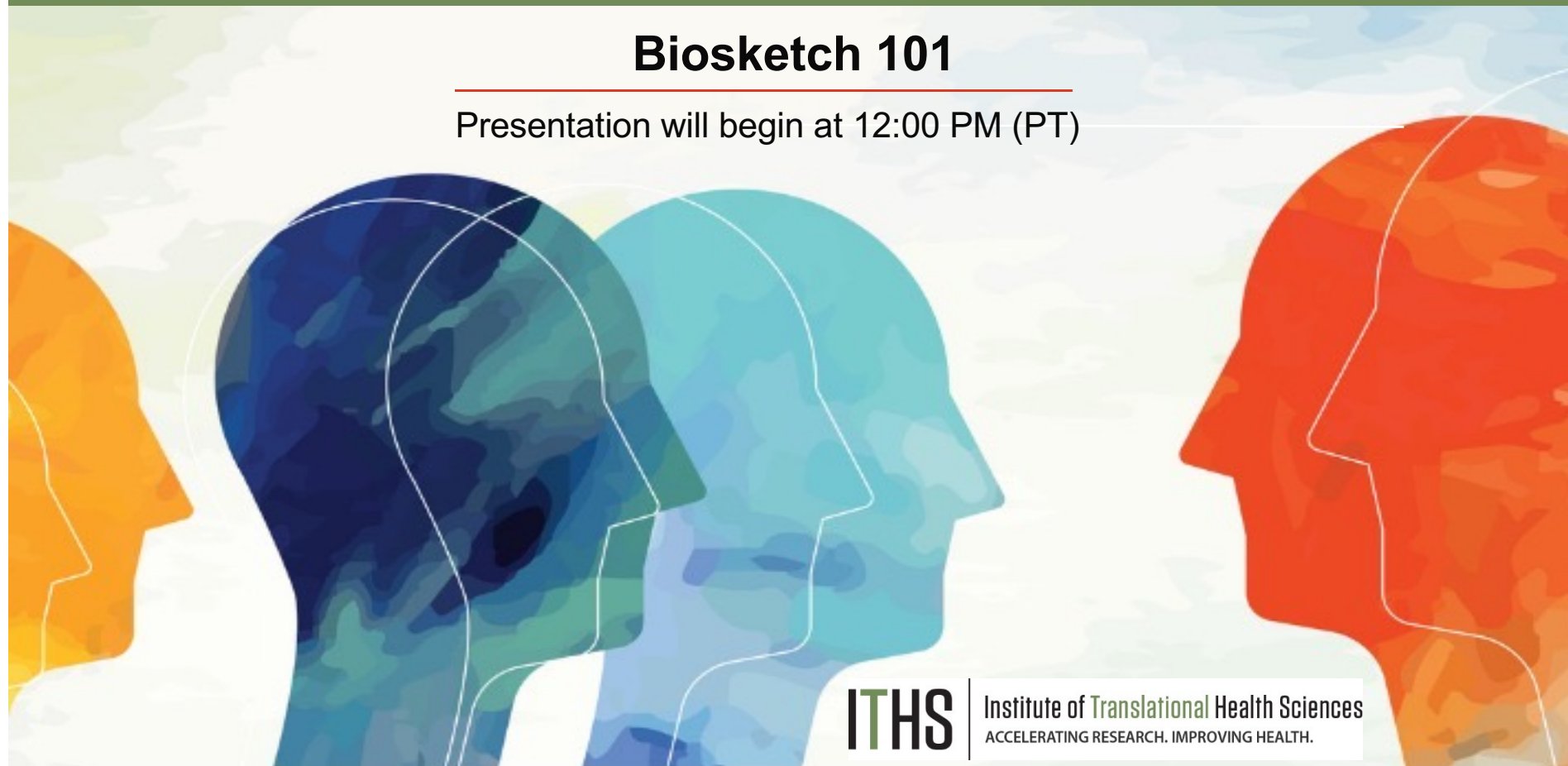


Career Development Series 2023

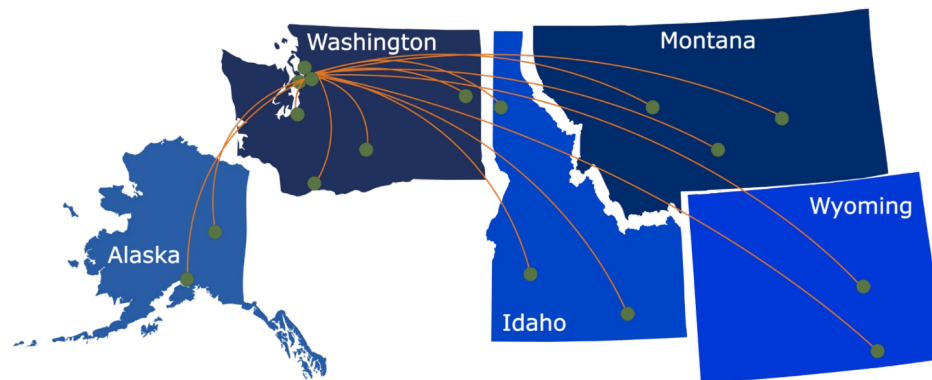
Biosketch 101

Presentation will begin at 12:00 PM (PT)





ITHS

Institute of **Translational** Health Sciences
ACCELERATING RESEARCH. IMPROVING HEALTH.





What We Offer:

- 1 Research Support Services:** Members gain access to the different research services, resources, and tools offered by ITHS, including the ITHS Research Navigator.
 - 2 Community Engagement:** Members can connect with regional and community based practice networks
 - 3 Education & Training:** Members can access a variety of workforce development and mentoring programs and apply for formal training programs.
 - 4 Funding:** Members can apply for local and national pilot grants and other funding opportunities. ITHS also offers letters of support for grant submissions.
- 
- 

Contact our Director of Research Development



- Project Consultation
- Strategic Direction
- Resources and Networking

Melissa D. Vaught, Ph.D.
ithsnav@uw.edu
206.616.3875

Feedback

At the end of the seminar, a link to the feedback survey will be sent to the email address you used to register.

Career Development Series 2023

Biosketch 101: Getting (Grant Reviewers) to Know You



Presented by:
Melissa Vaught, PhD
Alysia vandenBerg, PhD



ITHS

Institute of **Translational** Health Sciences
ACCELERATING RESEARCH. IMPROVING HEALTH.

Learning Objectives

- 1 Understand the different biosketch formats and components
- 2 Learn how to demonstrate your experience using the Personal Statement and Contributions to Science sections

Stay for 'office hours' or request a half-hour biosketch consult



Back to Basics

Why your biosketch matters



Required for key
personnel on NIH
grant applications



Showcases your
experience & scientific
contributions



Tells the story of why
you are the right
person for this project



Start with the right form & instructions

Review the NIH Biosketch page carefully

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

- ▶ Which form do you need: fellowship or non-fellowship?
 - ▶ Confirm correct form & instructions for your application & due date
 Use Forms-H for due dates on or after January 25, 2023
 - ▶ Follow the NIH instructions
 - ▶ Keep it to 5 pages – or less
-

Include eRA Commons ID

Now required for *all*
Senior/ Key Personnel
profiles – not just the PI

Don't have one? Contact
dept administrator

[Options for contributors
not affiliated with a
registered organization](#)

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

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.)*

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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

Start with
baccalaureate or other
professional education.
Include postdoc,
residency & clinical
fellowship training.

List month & year of
(expected) end date
(chronological order)

A. Personal Statement

I am an Associate Professor of Psychology, and my research is focused on neuropsychological changes associated with substance use disorders. 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 substance use disorders. 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 older people with substance use disorders, 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 people with substance use disorders

R01 MH922731

Merryle (PI), Role: co-investigator

12/15/17-11/30/22

Physical disability, depression, and substance use among older adults

R21 AA998075

Hunt (PI)

01/01/19-12/31/21

Community-based intervention for alcohol abuse

Citations:

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

Describe why you're well-suited for your role(s) in *this project*

A. Personal Statement

I am an Associate Professor of Psychology, and my research is focused on neuropsychological changes associated with substance use disorders. 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 substance use disorders. 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 older people with substance use disorders, 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.

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4. Merryle, R. & Hunt, M.C. (2020). Randomized clinical trial of cotinine in older people with nicotine use disorder. *Age and Aging*, 38(2), 9-23. PMID: PMC9002364



List research support you want to highlight that is ongoing or was completed within last 3 years (*formerly in Section D*)

A. Personal Statement

I am an Associate Professor of Psychology, and my research is focused on neuropsychological changes associated with substance use disorders. 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 substance use disorders. 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 older people with substance use disorders, 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.

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4. Merryle, R. & Hunt, M.C. (2020). Randomized clinical trial of cotinine in older people with nicotine use disorder. *Age and Aging*, 38(2), 9-23. PMID: PMC9002364



Cite up to 4 publications or research products (including interim products) that highlight your experience & qualifications for *this project* – no URLs!

List positions & scientific appointments in **reverse** chronological order

Include **all current** titled academic, professional, or institutional appointments

Includes: full-time, part-time, adjunct, honorary, visiting, voluntary, unpaid, *etc.*

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 Substance Use Disorder Study Section, member
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, Intramural Research Program, National Institute on Drug Abuse, Baltimore, 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

List relevant academic & professional achievements & honors

*What highlights your expertise?
Recognition of your expertise by
others in relevant fields?*

Consider professional credentials & memberships, peer review, committee service, awards

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
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2014 – 2021	Assistant Professor, Department of Psychology, Washington University, St. Louis, MO
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2014 – Present	Board of Advisors, Senior Services of Eastern Missouri
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2011 – Present	Associate Editor, Psychology and Aging
2009 – Present	Member, American Geriatrics Society
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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

Early Career Researchers

Include scholarships, traineeships, fellowships, development awards

Clinicians

Include information about clinical licensures & specialty board certifications

C. Contributions to Science

1. My early publications directly addressed the fact that substance use 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 concerns about a substance use disorder. These publications document this emerging concern and guide primary care providers and geriatric mental health providers to recognize symptoms, assess the nature of the behavior, and apply the necessary interventions. By providing evidence and simple clinical approaches, this body of work has changed the standards of care for older adults with substance use disorders 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.
 - a. Gryczynski, J., Shaft, B.M., Merrylye, R., & **Hunt, M.C.** (2013). Community based participatory research with late-life substance use disorder. *American Journal of Alcohol and Drug Abuse*, 15(3), 222-238.
 - b. Shaft, B.M., **Hunt, M.C.**, Merrylye, R., & Venturi, R. (2014). Policy implications of genetic transmission of alcohol and drug use in women who do not use drugs. *International Journal of Drug Policy*, 30(5), 46-58.
 - c. **Hunt, M.C.**, Marks, A.E., Shaft, B.M., Merrylye, R., & Jensen, J.L. (2015). Early-life family and community characteristics and late-life substance use. *Journal of Applied Gerontology*, 28(2), 26-37.
 - d. **Hunt, M.C.**, Marks, A.E., Venturi, R., Crenshaw, W. & Ratonian, A. (2018). Community-based intervention strategies for reducing alcohol and drug use in older adults. *Addiction*, 104(9), 1436-1606. PMID: PMC9000292

Describe up to 5 of your most significant contributions to science

Cite up to 4 publications or research products (including interim products) for each contribution section – *no URLs!*

Complete List of Published Work in MyBibliography:

<https://www.ncbi.nlm.nih.gov/myncbi/1ICiFFV4VYQZE/bibliography/public/>

What to use (& avoid) in supporting citations

- ✓ **Published articles**

- If article subject to NIH public access policy & you're an author, need to include NIHMS ID or PMCID

- ✓ **Research products** - audio & video products, conference abstracts & posters, patents, data and research materials, databases, curricula, educational aids, equipment, models, protocols, software

- ✓ **Interim research products** - complete, public research products that are not final (e.g., preprint, preregistered protocol)

- Include Digital Object Identifier (DOI) and product type in citation

- Manuscripts not yet accepted can mention but not list as citation

- ✗ **No hyperlinks or URLs** in biosketch except for.gov bibliography

C. Contributions to Science

1. My early publications directly addressed the fact that substance use 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 concerns about a substance use disorder. These publications document this emerging concern and guide primary care providers and geriatric mental health providers to recognize symptoms, assess the nature of the behavior, and apply the necessary interventions. By providing evidence and simple clinical approaches, this body of work has changed the standards of care for older adults with substance use disorders 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.
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 - d. **Hunt, M.C.**, Marks, A.E., Venturi, R., Crenshaw, W. & Ratonian, A. (2018). Community-based intervention strategies for reducing alcohol and drug use in older adults. *Addiction*, 104(9), 1436-1606. PMID: PMC9000292

Complete List of Published Work in MyBibliography:

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

Include URL to a full list of published work

URL must be for a federal government website such as NCBI's My Bibliography

Not required but a missed opportunity to leave it off

NCBI My Bibliography

<https://www.ncbi.nlm.nih.gov/myncbi/collections/mybibliography/>

- ▶ My Bibliography required once you're PI of an award
 - Public access policy compliance monitoring & reporting
 - Publication reporting for research performance progress reports (RPPRs)
- ▶ Multiple ways to add citations (from PubMed, file imports, manually)
 - See <https://www.ncbi.nlm.nih.gov/books/NBK53595/>
- ▶ Can include articles not in PubMed & other research products - including interim research products

The screenshot shows the 'Add citation manually' interface. At the top, it says 'Choose the type of citation to create:'. Below this is a dropdown menu with the following options: 'Journal article that does not appear in PubMed' (highlighted in blue), 'Books and chapters', 'Meeting abstracts', 'Presentations', 'Patents', 'Dataset or database', 'Software', 'Preprint', and 'Other(non - standard citation)'. To the left of the dropdown is a red asterisk and the text '* Required field'. To the right is a blue link 'Clear all fields'. Below the dropdown is a form for the author's name, with labels 'Author', 'First Name', 'MI', and 'Last Name'. There are red asterisks next to the 'First Name' and 'Last Name' fields. Below the author fields is a blue link 'Add Another Author'.

Section D
only applies to:
fellowship, dissertation
grants & diversity
supplements (undergrad
to postdoc)

D. Scholastic Performance

YEAR	COURSE TITLE	GRADE
GEORGETOWN UNIVERSITY		
2013	Seminar in Molecular Biology	P
2013	Basic Biomedical & Biological Sciences	P
2014	Model Systems	P
2014	Statistics for the Life Sciences	P
2014	Current Topics in Molecular Genetics	P
2015	Ethics in Biological Research	CRE
2015	Biochemistry	P
2015	Physiology	P
2016	Seminar in Systems Biology	P
2016	Protein Chemistry	P

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.

Non-fellowship biosketches

Selected ongoing and completed research support should now be included with the Personal Statement (in Section A).

SciENcv: Science Experts Network Curriculum Vitae

<https://www.ncbi.nlm.nih.gov/sciencv/>



- ▶ SciENcv is a free online tool to make your biosketch
- ▶ Maintained by NCBI, SciENcv is a secure portal and information repository
- ▶ Automatically generates formats required by NIH (Word, pdf) & NSF (pdf)

Why should I bother using SciENcv?

- ▶ NSF will require use of SciENcv for biosketches in October 2023
- ▶ NIH is transitioning to SciENcv for “Other Support” documentation

SciENcv: Science Experts Network Curriculum Vitae

eRA Commons ID, NCBI my bibliography, ORCID

NIH National Library of Medicine
National Center for Biotechnology Information

My NCBI » SciENcv » NIH bio Jan-2023

Profile name: NIH bio Jan-2023 [Edit]
Profile type: NIH Biosketch NIH Biographical Sketch Instructions
Last Updated: 25 January 2023
Sharing: Private [Change]

Download: PDF Word XML

OMB No. 0925-0001 and 0925-0002 (Rev. 10/2021 Approved Through 09/30/2024)

NAME [Edit]
Vandenberg, Alysia L.

eRA COMMONS ID
avandenb

ORCID ID
<http://orcid.org/0000-0003-3682->

EDUCATION/TRAINING [Done]
(Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable.)

Show in this profile	INSTITUTION AND LOCATION	DEGREE (if applicable)	MM/YYYY	FIELD OF STUDY	
<input checked="" type="checkbox"/>	Michigan State University, East Lansing, MI, USA	Ph.D. in Microbiology	05-2007	Microbiology	Delete edit
<input checked="" type="checkbox"/>	University of Vermont, Burlington, VT, USA	B.S. in Biology	05-2004	Biology	Delete edit
<input checked="" type="checkbox"/>	Mount Sinai, New York, NY, USA	Residency in Internal Medicine	07-2008	Internal Medicine	Delete edit

Import citations

A. Personal Statement [Edit statement]

I am a postdoctoral-level trained cellular and molecular biologist, with 15 years' experience helping medical investigators communicate the importance and impact of their findings and enabling discovery that improves human health.

Optional: You may identify up to four peer reviewed publications that specifically highlight your experience and qualifications for this project.

[Select citations]

Vandenberg AL, Ibrahim AS, Edwards JE Jr, Toenjes KA, Johnson DI. Cdc42p GTPase regulates the budded-to-hyphal-form transition and expression of hypha-specific transcripts in *Candida albicans*. *Eukaryot Cell*. 2004 Jun;3(3):724-34. PubMed Central ID: PMC420123.

Vandenberg A, Almouzni G. How to duplicate a DNA package. *Nature*. 2012 March 21; 483(7390):412-413. Available from: <http://www.nature.com/articles/483412a> DOI: 10.1038/483412a

B. Positions, Scientific Appointments and Honors

Positions and Scientific Appointments [Done]

Select: All None 1 item(s) selected unchecked entries are hidden from display

☒ 2020 - present Grant Development Manager, University of Washington, Institute of Translational Health Sciences, Seattle, WA, USA Delete edit

[add another entry](#)

Honors

You have not listed any honors. Please [add one](#).

C. Contribution to Science [Edit section]

Description

Investigated role of Wnt signaling using a translational model of female reproductive cancers. In a mouse model, demonstrated that loss of Wnt signaling protein, Vangl2, causes cell polarity defects that could play a role in the development of female reproductive cancers.

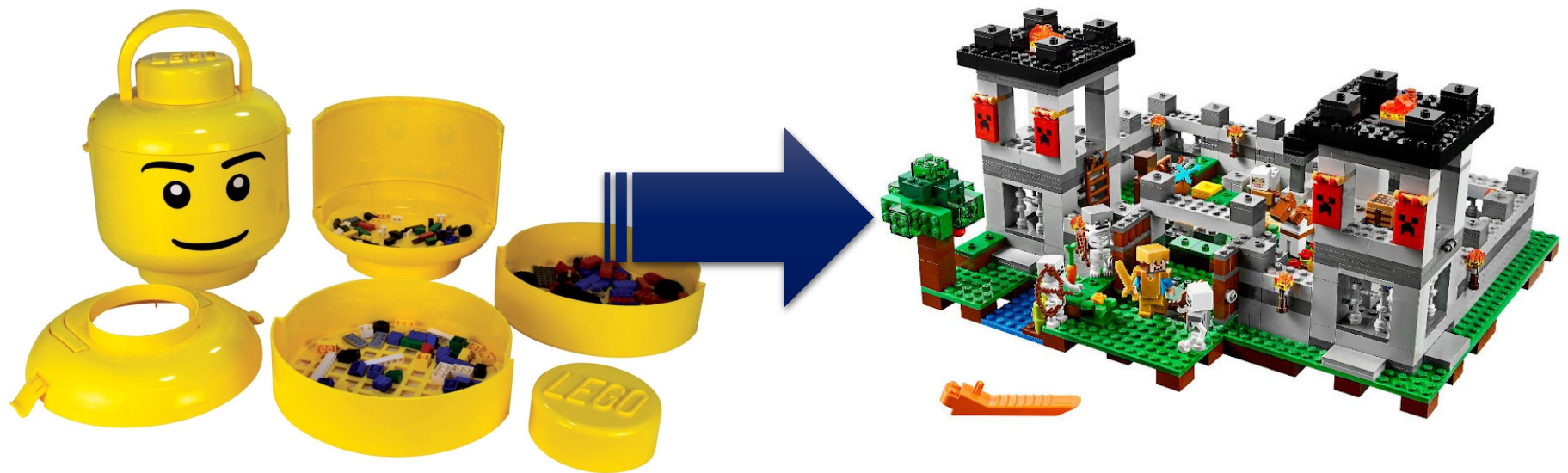
Citations

- Vandenberg AL, Sassoon DA. Non-canonical Wnt signaling regulates cell polarity in female reproductive tract development via van gogh-like 2. *Development*. 2009 May;136(9):1559-70. PubMed Central ID: PMC2674261.

Building your story
with narratives



Why narratives matter



What's your story?

Before you start preparing sections:

- ▶ What are the objectives of this proposal?
- ▶ What is your proposed role in the project?
- ▶ How does the proposal fit in with your overarching career and research goals (short, medium, and long term)?
- ▶ What unique expertise, relationships, and experienced will you bring to this project?

Map where information should be featured & reiterated in the proposal.

Biosketch, Research Strategy, Career Plan, other?

Personal Statement vs. Contributions to Science

Personal Statement

- ▶ Connect your experience, expertise, etc. to *this* project
- ▶ Link past & present to future work/career goals proposed
- ▶ *Tailor the Personal Statement for your role in each proposal*

Contributions to Science

- ▶ Connect research outputs to broader context of field
 - ▶ Link your specific contributions to scientific impact
 - ▶ *Refresh regularly—but no need to update for each proposal*
-

What reviewers need to know

Re-visit review criteria (Section V in NIH FOAs), especially those relating to **people / team**.

Example – Parent PA for R01

Investigator(s). Are the PD(s)/PI(s), collaborators, and other researchers well suited to the project?

If Early-Stage Investigators or those in the early stages of independent careers, do they have appropriate experience and training?

If established, have they demonstrated an ongoing record of accomplishments that have advanced their field(s)?

If the project is collaborative or multi-PD/PI, do the investigators have complementary and integrated expertise; are their leadership approach, governance and organizational structure appropriate for the project?

What reviewers need to know

Re-visit review criteria (Section V in NIH FOAs), especially those relating to **people / team**.

Example – K08 Mentored Career Development Award (partial list)

Candidate. Does the candidate have the potential to develop as an independent and productive researcher?

Are the candidate's prior training and research experience appropriate for this award?

Is the candidate's academic, clinical (if relevant), and research record of high quality?

Mentor(s), Co-Mentor(s), Consultant(s), Collaborator(s). Are the qualifications of the mentor(s) in the area of the proposed research appropriate?

Is there evidence of the mentor's, consultant's, and/or collaborator's previous experience in fostering the development of independent investigators?

Is there evidence of the mentor's current research productivity and peer-reviewed support?

Putting the pieces together for the reader

Common pitfalls

- Underselling your accomplishments
- Failing to include information relevant to FOA
- Listing information without adequate context

Tips for crafting effective narratives

- ▶ Follow the biosketch instructions
- ▶ Use first person & active voice
- ▶ Own your expertise/contribution & back up with evidence





Deeper dive: Personal Statement

Telling reviewers why they want *you*

Explain your research trajectory, linking your experience and accomplishments to the proposed work.



Deeper dive: Personal Statement

- 1 If you are the PI, state the objective of the project.
If you are a collaborator, state your role.

NIH Sample

I am an Associate Professor of Psychology, and my research is focused on neuropsychological changes associated with substance use disorders...

PI

Building on my decade of experience in psychology and public health, the proposed project seeks to define neuropsychological changes associated with substance use disorders to...

Collaborator

As a co-investigator on this project, I will provide expertise in substance use disorders.

Does your project objective / role align to the FOA?

e.g., for career development award, address scientific & career objectives

Deeper dive: Personal Statement

2

Describe why you are well-suited for the role

- ▶ Consider training, past work & performance, technical expertise, collaborators, etc.
- ▶ Not just discipline expertise but skills & relationships needed for project success
- ▶ Synthesize information. Quantify where possible & relevant.

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 substance use disorders. 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 older people with substance use disorders, 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.

Deeper dive: Personal Statement

2

Describe why you are well-suited for the role

- ▶ Consider training, past work & performance, technical expertise, collaborators, etc.
- ▶ Not just discipline expertise but **skills & relationships needed for project success**
- ▶ Synthesize information. Quantify where possible & relevant.

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 substance use disorders. 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 older people with substance use disorders, 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.

Deeper dive: Personal Statement

2

Describe why you are well-suited for the role

- ▶ Consider training, past work & performance, technical expertise, collaborators, etc.
- ▶ Not just discipline expertise but skills & relationships needed for project success
- ▶ Synthesize information. Quantify where possible & relevant.

Add metrics, if possible

Grants: #, \$, years of continuous funding

Collaborations: years working together

Publications: count, citations

I have a broad background in psychology, with specific training and expertise in survey research and secondary data analysis on psychological aspects of substance use. As PI or co-Investigator on several university- and NIH-funded grants, I laid the foundation for the proposed research by developing effective measures of disability, depression, and other factors relevant to older people with substance use disorders, 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.

What's important for the project role?

- ▶ **PI:** Scientific leadership, execution of research plan, dissemination
 - ▶ **Collaborator:** Special skills or expertise that's unique to the team
 - ▶ **Trainee/Scholar Candidate:** Trajectory towards independence, productivity, long-term goals, new directions in proposed project
 - ▶ **Mentor** (F, K, T): Mentorship experience
 - ▶ **Other Significant Contributors:** Consultants or individuals with no FTE who will contribute to scientific development/execution of the project
-

Deeper dive: Personal Statement

3

Add other information *as applicable*

- ▶ Specific contributions to science not mentioned in Section C
- ▶ Career / productivity disruptions
- ▶ Other names you've published under
- ▶ Other info required for specific subsets of applicants (biosketch instructions, FOAs)

Don't stuff with info that should be covered elsewhere.

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.

Deeper dive: Personal Statement

4

List research support (*i.e.*, fellowships, grants) from the past 3 years that highlights your performance in field (or related fields), independence, collaboration

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 people with substance use disorders

R01 MH922731 - Merryly (PI), Role: co-investigator

12/15/17-11/30/22

Physical disability, depression, and substance use among older adults

R21 AA998075 - Hunt (PI)

01/01/19-12/31/21

Community-based intervention for alcohol abuse

Highlights collaborative
work & projects laying
groundwork for proposal

Deeper dive: Personal Statement

- 5 List up to 4 publications or research products that highlight your experience and qualifications.

Might include:

- ▶ Your prior research that the proposal builds on
- ▶ Publication(s) you co-authored with collaborators who are part of this proposal
- ▶ Software, datasets, or other research products you created or helped develop that will be essential to the proposed project
- ▶ Preprint you co-authored that establishes priority

**Not required - but a missed opportunity not to include publications
in your Personal Statement**

Deeper dive: Personal Statement

Citations:

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

Gap in research publications explained in Personal Statement

Publications with at least 2 different groups, supporting reference to collaborators

Your Personal Statement

"My current research program is motivated by my own personal experience. Bedridden for about a month due to an accident, my muscles had atrophied to the point that it resulted in a loss of physical function, leaving me with a desire to investigate how to prevent physical decline in older adults."

"I provide leadership in data governance for research and our future data strategy at the university as Director of Artificial Intelligence."

This project supports my long-term career goal to become a nationally recognized leader in <X> and an independent investigator focused on <Y.>



"I have worked in the field of translational science, cancer immunology and immunotherapy for over 25 years."

"For the past thirty years, I have worked in or with the biotechnology sector, gaining experience in medical product development. This includes participation on four successful drug development teams, which resulted in marketed products."

"I am a primary care clinician, a researcher studying health disparities, and a leader in community-engaged research at...."

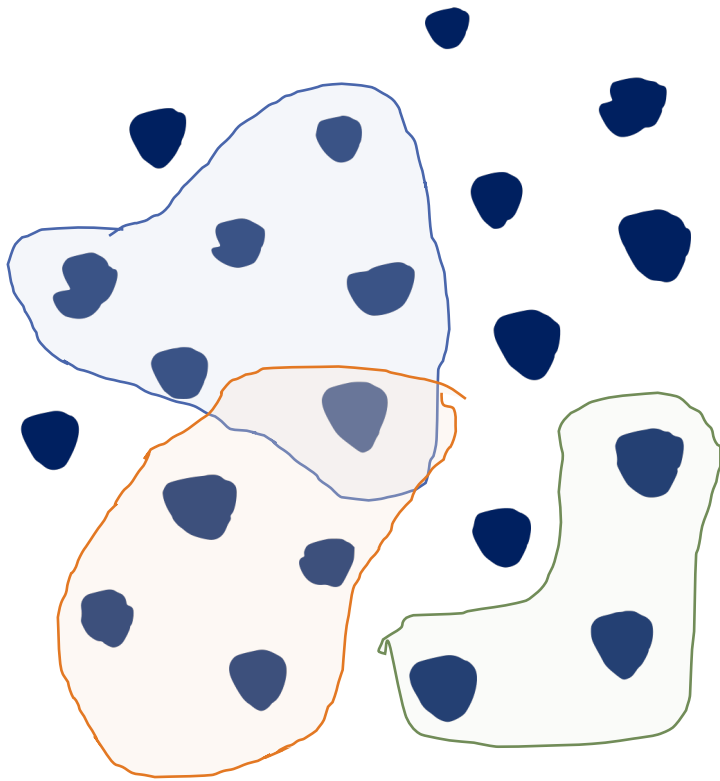


Deeper dive: Contributions to Science

Telling a story arc of scientific impact



Showing how your work integrates to deliver impact



How can you cluster your research products around themes?

Think beyond time bounds.

- ▶ Method / resource development
- ▶ Application of a method / model
- ▶ Pathways or systems
- ▶ Physiological functions or diseases
- ▶ Clinical interventions

Deeper dive: Contributions to Science

1

Start with a short, informative subheading

► Orient your reader

NIH sample launches straight into the description...

NIH Sample

1. My early publications directly addressed the fact that substance use 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 concerns about a substance use disorder. These publications document this emerging concern and guide primary care providers and geriatric mental health providers to recognize symptoms, assess the nature of the behavior, and apply the necessary interventions. By providing evidence and simple clinical approaches, this body of work has changed the standards of care for older adults with substance use disorders 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.

Deeper dive: Contributions to Science

1

Start with a short, informative subheading

► Orient your reader

Subheading catches the eye & sets expectation/context

NIH Sample Edited

- 1. Substance use disorders in older adults.** My early publications directly addressed the fact that substance use 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 concerns about a substance use disorder. These publications document this emerging concern and guide primary care providers and geriatric mental health providers to recognize symptoms, assess the nature of the behavior, and apply the necessary interventions. By providing evidence and simple clinical approaches, this body of work has changed the standards of care for older adults with substance use disorders 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.

Deeper dive: Contributions to Science

2

Provide the historical background that frames the scientific problem

1. My early publications directly addressed the fact that substance use 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 concerns about a substance use disorder. These publications document this emerging concern and guide primary care providers and geriatric mental health providers to recognize symptoms, assess the nature of the behavior, and apply the necessary interventions. By providing evidence and simple clinical approaches, this body of work has changed the standards of care for older adults with substance use disorders 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.

Deeper dive: Contributions to Science

2

Provide the historical background that frames the scientific problem

1. **Substance use disorders in older adults.** ~~My early publications directly addressed the fact that~~ Substance use is often overlooked in older adults, **but as drug and alcohol use has increased in recent decades, it will likely become a bigger issue in aging populations.** These publications found that older adults appear in a variety of primary care settings or seek mental health providers to deal with emerging concerns about a substance use disorder. These publications document this emerging concern and guide primary care providers and geriatric mental health providers to recognize symptoms, assess the nature of the behavior, and apply the necessary interventions. By providing evidence and simple clinical approaches, this body of work has changed the standards of care for older adults with substance use disorders 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.

Deeper dive: Contributions to Science

3

Summarize the central findings of your work on the topic

1. My early publications directly addressed the fact that substance use 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 concerns about a substance use disorder. These publications document this emerging concern and guide primary care providers and geriatric mental health providers to recognize symptoms, assess the nature of the behavior, and apply the necessary interventions. By providing evidence and simple clinical approaches, this body of work has changed the standards of care for older adults with substance use disorders 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.

Deeper dive: Contributions to Science

3

Summarize the central findings of your work on the topic

- ▶ *Remember:* Take ownership of the work. The publications didn't find anything. You did!
- ▶ Consider how you might reinforce elements of the Personal Statement

- 1. Substance use disorders in older adults.** Substance use is often overlooked in older adults, but as drug and alcohol use has increased in recent decades, it will likely become a bigger issue in aging populations. **Using community-based approaches, my colleagues and I** found that older adults appear in a variety of primary care settings or seek mental health providers to deal with emerging concerns about a substance use disorder. **Our** publications document this emerging concern and guide primary care providers and geriatric mental health providers to recognize symptoms, assess the nature of the behavior, and apply the necessary interventions. By providing evidence and simple clinical approaches, this body of work has changed the standards of care for older adults with substance use disorders 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.

Deeper dive: Contributions to Science

4

Describe the impact of the results

- ▶ How did your results advance scientific knowledge or methods in the field?
- ▶ How have the findings been applied?

1. My early publications directly addressed the fact that substance use 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 concerns about a substance use disorder. These publications document this emerging concern and guide primary care providers and geriatric mental health providers to recognize symptoms, assess the nature of the behavior, and apply the necessary interventions. By providing evidence and simple clinical approaches, this body of work has changed the standards of care for older adults with substance use disorders 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.

Deeper dive: Contributions to Science

5

Specify your role in the work described

► Did you lead the project(s)? Design & implement studies? Develop methodologies?

1. My early publications directly addressed the fact that substance use 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 concerns about a substance use disorder. These publications document this emerging concern and guide primary care providers and geriatric mental health providers to recognize symptoms, assess the nature of the behavior, and apply the necessary interventions. By providing evidence and simple clinical approaches, this body of work has changed the standards of care for older adults with substance use disorders 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.

Deeper dive: Contributions to Science

6

Cite up to 4 relevant publications or other research products

► Which products best support the story you're trying to tell?

Establishing priority? Include one of your first publications related to the contribution.

Current research area? Include one of your most recent products.

- a. Gryczynski, J., Shaft, B.M., Merrylye, R., & **Hunt, M.C.** (2013). Community based participatory research with late-life substance use disorder. *American Journal of Alcohol and Drug Abuse*, 15(3), 222-238.
- b. Shaft, B.M., **Hunt, M.C.**, Merrylye, R., & Venturi, R. (2014). Policy implications of genetic transmission of alcohol and drug use in women who do not use drugs. *International Journal of Drug Policy*, 30(5), 46-58.
- c. **Hunt, M.C.**, Marks, A.E., Shaft, B.M., Merrylye, R., & Jensen, J.L. (2015). Early-life family and community characteristics and late-life substance use. *Journal of Applied Gerontology*, 28(2), 26-37.
- d. **Hunt, M.C.**, Marks, A.E., Venturi, R., Crenshaw, W. & Ratonian, A. (2018). Community-based intervention strategies for reducing alcohol and drug use in older adults. *Addiction*, 104(9), 1436-1606. PMID: PMC9000292

Deeper dive: Contributions to Science

- 6** Cite up to 4 relevant publications or other research products
- ▶ Which products best support the story you're trying to tell?

Conference Presentations/Abstracts & Interim Research Products

- Can demonstrate recent activity in the field
- Useful for emerging areas of research

But...

- Watch for “stale” products. A preprint or conference presentation that's a few years old may raise flags.

Deeper dive: Contributions to Science

6

Cite up to 4 relevant publications or other research products

- ▶ Which products best support the story you're trying to tell?
If not an author, specify your contribution.

Why cite products that you didn't author?

- You contributed to a project & were listed in acknowledgements
- Your work was foundational & others have built upon it
- Others have used your research product (e.g., animal model, software, method, database) to advance scientific knowledge in their field

Clearly link the publications by others back to your contribution

- How was your contribution key to the success of others?

Questions?

Final reflections



Waterfall reflections

Type your answer in the chat box – but don't hit Enter/Return until signaled

What is one specific takeaway or a change you plan to make to your biosketch?

Summary



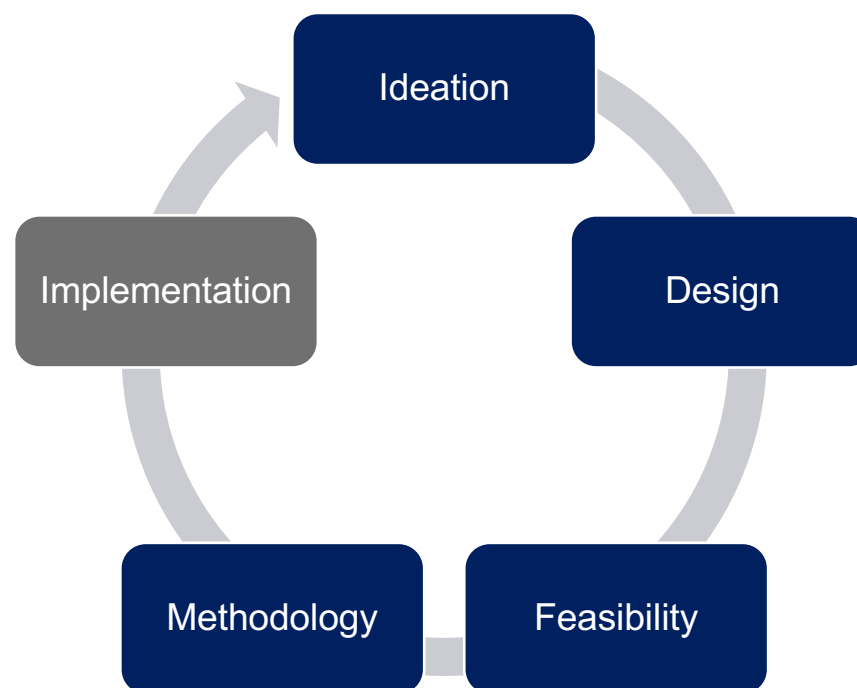
- ▶ Your biosketch is a resource for reviewers to get to know you – & potentially advocate for you
- ▶ Tailor the Personal Statement for the specific role in each proposal
- ▶ Use Contributions to Science to highlight your scientific expertise & impact
- ▶ Follow the NIH instructions & you'll be ahead of the curve

Get feedback on your clinical research project!

ITHS Scientific Success Committee

- ▶ Feedback from experienced clinical investigators + biostats, bioethics
- ▶ Focus on design of research questions, feasibility of approach, impact and generalizability of research
- ▶ Support from early-stage development until implementation
- ▶ Meetings monthly – plan ahead for grant submissions!

Email ithsnav@uw.edu for more info!



Thank You!

Open for Questions

Melissa – vaughtmd@uw.edu

Alysia – alvand@uw.edu

ITHS

Institute of **Translational** Health Sciences

ACCELERATING RESEARCH. IMPROVING HEALTH.

Feedback Survey

A link to the feedback survey has been sent to the email address you used to register.

Please get out your device, find that email, and spend a few moments completing that survey before you leave today.

Tip: If on a mobile device, shift view to landscape view (sideways) for better user experience.