



EpiMonitor

Epidemiology for Epidemiologists

A monthly update covering people, events, research, and key developments

Editor's Note:

This month, we are presenting a review of The Outbreak Atlas from the Harvard Public Health newsletter along with a piece on how to format your resume or CV for success in your job applications. We've also included a piece on an additional summer program. Most exciting to us however, is the announcement that our own Editor-in-Chief has been named to the inaugural Time 100 in Health list! You'll find more information about this on page 12.

We continue to provide you with our popular monthly crossword feature, Notes on People, an overview of what we read from the public media, and a listing of upcoming epidemiology events. Finally, don't miss the Job Bank offerings this month. We have some fantastic opportunities advertised on our website.

Did you miss last month's issue? Read it here: <https://tinyurl.com/38td2jvu> or here: <https://tinyurl.com/2vah5d7w>

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A User's Manual for the Next Pandemic

Original publisher: [Harvard Public Health](#)

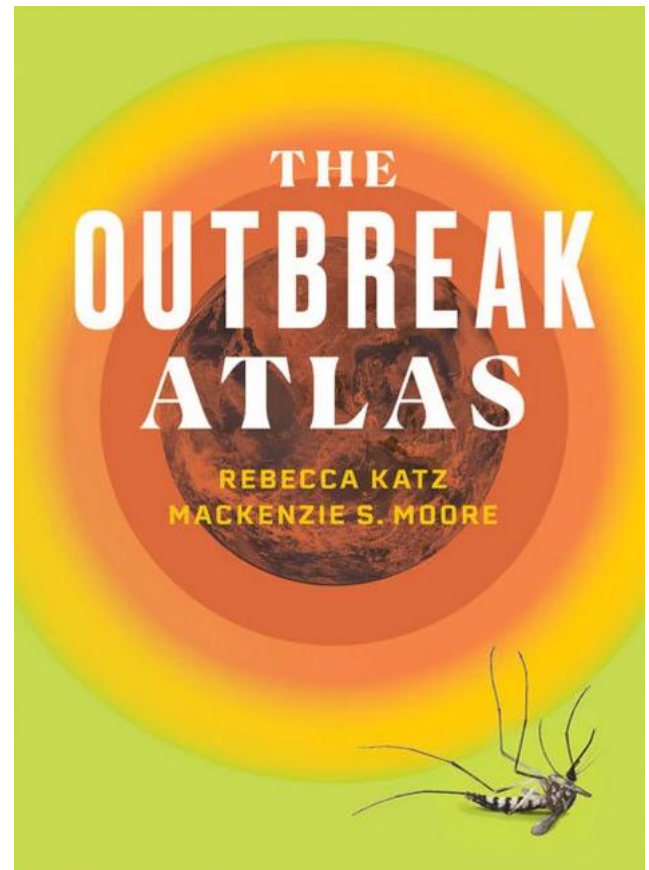
A user's manual for the next pandemic

How to prepare, respond, and rebuild in the aftermath

Outbreak Atlas is the book you want on your shelf if—or when—the next pandemic comes. Authors Rebecca Katz, who directs the Center for Global Health Science and Security at Georgetown University, and Mackenzie Moore, a scientist at the center, pull back the curtain on the considerations, procedures, and decision-making that go into managing an outbreak—how to prepare, how to respond, how to rebuild in the aftermath. As they write, “[W]e have designed this book to welcome you into the world of outbreaks.”

The handbook they've written feels essential, even if it's for a moment that many people might not want to think about right now. But it should be a source of comfort to know there's an ambitious but approachable handbook covering everything from basic epidemiology to mitigation measures and biosecurity.

One of the most refreshing things about this book is the direct and timely treatment of key concerns the pandemic revealed. These are presented in cogent, clear, and approachable prose suitable for those with little or no epidemiologic background. The authors examine public health communication, community-based disease surveillance, disease mitigation measures, and biosecurity, which focuses on procedures for protection from and control of pathogens. They organize the work as a user's manual, further underlining the utility they hope “armchair



epidemiologists” can find in its pages.

The very idea of armchair epidemiologists was, of course, controversial during the pandemic, and the controversy puts some principles of public health front and center. For example, it is true that public health cannot function as intended apart from an engaged public, but not all engagement is equal. Epistemic trespassing, also referred to as the [Dunning-Kruger](#) effect, describes a cognitive bias wherein people overestimate their own capabilities or make a foray into a field outside of their expertise, offering exposition without competence. As Dunning himself warned in June 2020: “Roaming into a field without expert-level insight, trespassers easily slip up.”

- Outbreak cont'd on page 3

At the same time, Katz and Moore underscore the helpful role of the public in rooting out misinformation through questioning and fact checking—helpful, that is, if public discourse can stay mindful of sharing only accurate information and remaining flexible as understanding of the disease and response may change over time.

Nevertheless, this book initiates a needed conversation between public health and the public, bridging the worlds between research and everyday life. As America's collective trust in public entities and scientists [begins to border on abysmal](#), while the probability of extreme outbreaks is projected to [increase](#), *Outbreak Atlas* is a timely outreach. ■

Madeline Roberts is research director at The Epidemiology Monitor.

Book cover: Vanderbilt University Press

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Do you have an idea for an EpiMonitor article?

We love epidemiology and welcome thoughtful and timely contributions to the field. A review of our past newsletters is the best gauge for the type of content we publish.

Please submit your full article as a Word document; submissions should be 800-1000 words. Please include who you are, your current affiliation, and any relevant background, including your qualifications to write on your chosen topic. Conflicts of interest—current or potential, financial or favor—must be disclosed. We read all submissions; if your submission is selected, you will receive an email from our Research Director.

We are also looking to highlight the work of local and state health departments. If you work in this capacity or know of exciting, exceptional work being done in these areas, we want to hear from you! Contact madeline@epimonitor.net to set up an email Q&A, or you can submit for consideration an article about your work.

How to Format Your Resume or CV for Success

Author: Madeline Roberts, PhD, MPH

EpiMonitor recently received a reader request from someone in the preliminary stages of a job search asking how to attractively and professionally format a CV:

“Dear EpiMonitor, I am starting my job search. I am told that my CV which is in the format required for my institution is unattractive and hard to read. Do you have a recommended format for people in our field?”

To begin, often résumé and CV are used synonymously, but there are nuanced differences between them. Largely they vary based on the position or industry to which you are applying as well as your own experience.

A suggested rule-of-thumb is a one-page résumé for Bachelor’s degree applicants, a two-page résumé for Master’s degree applicants, and a comprehensive CV for an applicant with a doctoral degree, however, certain organizations may request a CV format for any level candidate. Additionally, if you participated in research at the bachelor or master level and have publications, you may wish to include a publication category on your résumé or choose a CV format to highlight your experience. Great examples and formats of both CVs and résumés can be found [here](#).

Résumé or CV? In short here are the similarities and differences:

	Résumé	Curriculum Vitae (CV)
Context: when do I use which?	Private industry or non-profit	Academia/education, scientific, research, and international positions
Typical length	1-2 pages, consider: Bachelor’s degree: 1 page Master’s degree: 2 pages	More comprehensive Doctoral degree: as many pages as needed
Categories suggested for both a résumé and a CV	Contact Information Objective or Summary of Qualifications (optional) Education Relevant Experience Relevant Coursework Technical Skills Leadership Special Skills/Areas of Specialization Community Service/Volunteer Work Honors and Awards Study Abroad/Travel/Languages Military Experience Other Experience	

	Résumé	Curriculum Vitae (CV)
Additional suggested categories specific to a CV		Dissertation/Thesis topic Postdoctoral Training/Fellowships Publications Awards Teaching Experience Abstracts and Presentations Symposia/Lectures Professional Affiliations Research Grants Certifications/Licensure University Committee Appointments

Note: Much of the content in this table comes from the UNC Gillings School of Public Health article “Revamp your Resume or CV” (found here: <https://sph.unc.edu/students/revamp-your-resume-or-cv/>.) We simply put it in tabular form for a concise reference.

More and more epidemiologists will be in this same predicament. The US Bureau of Labor Statistics projects [job growth for epidemiologists will increase 27%](#) between 2022 and 2032, which is higher than average growth across all occupations. Over the next decade, approximately 800 openings annually are estimated for epidemiologists, many of which may stem from the need to replace workers who exit the field of epidemiology or retire. We have previously written about the epidemiology job market outlook ([here](#) and [here](#)).

Since our previous articles on the epidemiology job market, ChatGPT and generative AI have become an increasingly outsize factor virtually everywhere, including on the job-seeker front. For some time, employers have used AI and Applicant Tracking Systems to cull résumés, direct application processes, and identify candidates. A newer development is that applicants are now [leveraging generative AI to write cover letters and résumés](#) and using bots to apply for scores of jobs in a matter of minutes. (It is worth noting here that applying

for jobs via bots can potentially backfire, as some employers now intentionally build skip questions into online applications to flag bot applicants.)

Having said that, ChatGPT and AI applications for job seekers can be powerful tools to help tailor your CV to a particular job description, and to edit, condense, and strengthen your work experience descriptions on your CV. Job-seeker applications like Sonora, Big Interview, Massive, and LazyApply assist with a number of tasks such as identifying jobs of interest and even applying to them on your behalf, as well as critiquing and strengthening your CV or résumé. One LazyApply user reported an approximately [half percent success rate](#)—20 interviews were extended after the service had applied for around 5,000 positions.

As you progress to the interview process, large language models like ChatGPT can help you think through potential interview questions,

then flip the script to evaluate and refine your responses.

The best rule of thumb we've heard is to treat ChatGPT and generative AI as a research assistant—a solid source of information that you still need to check. If you are using ChatGPT for anything, you still need to “own the information” and make sure you've read and fact-checked it. And in the job-seeking process, remember something AI cannot generate for you is genuine interest in a position or organization.

While content and formatting may vary depending on the type of job you're seeking (academic position, state health department, private industry), we've compiled some general pointers below.

1. Write an objective. Depending on what job you're applying for, a concise, clearly stated objective can communicate both your expertise and your interest in a specific position.
2. The double-edged sword of ChatGPT and generative AI. Use generative AI

to help tailor your CV to a particular job description, and to edit, condense, and strengthen your work experience descriptions on your CV. Be aware that some companies include skip questions to differentiate between candidates that are mass-applying via bots and candidates that are applying manually.

Generative AI can also help you prepare for an interview by assuming the role of an interviewer and asking you questions, as well as evaluating and refining your responses.

3. Once you have finalized your content, consider exploring professional résumé CV templates in a template editor, such as Canva. After all, you want to stand out!

Good luck in your job search! Be sure to stop by our job openings page, you may just find your next position. ■

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<https://bit.ly/2U29gUA>

or on Twitter at: @theEpimonitor

or on Instagram at: @epimonitor

H5N1 Update: How Concerned Should You Be?

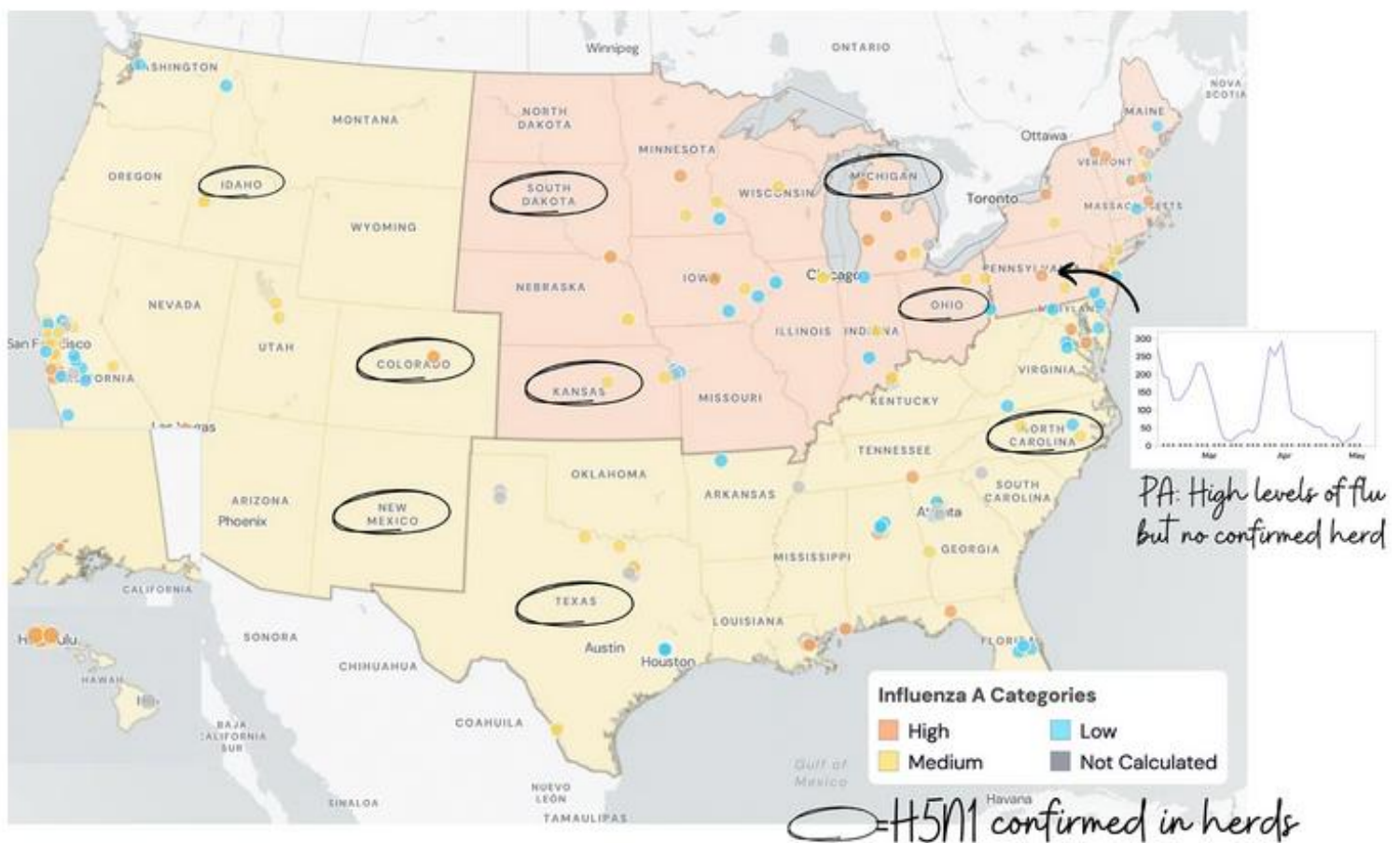
Author: Katelyn Jetelina, PhD, MPH

NOTE: This article was originally printed in [Your Local Epidemiologist](#) (YLE) on May 9, 2024

There are [36](#) known infected herds across [9](#) states. The last identified herd was on April 25. *Is this fizzling out?* Could be. Or, more likely, it's continuing to spread without us knowing. Testing animals and humans is still voluntary, and asymptomatic testing is not happening.

We are flying blind.

This is nicely demonstrated in wastewater. There are quite a few areas where Flu A is “high” or “medium” in wastewater—indicating H5N1 since we are out of flu season— but where herds have not been identified. This is most likely from animals (like milk dumping), but we certainly could use more clarity on what is exactly causing the increase.



Flu A levels in wastewater sheds across the United States. Figure [source](#):
WastewaterSCAN; Annotated by YLE

- H5N1 cont'd on page 8

There is still just one **confirmed** human case. I would not be surprised if there were more undetected, though. Some veterinarians have reported that workers have symptoms on farms with sick cows but didn't test. The good news is that we're not seeing huge clusters of sick people in emergency departments. So, if there are more human cases, I'm pretty confident they're mild, from direct contact with sick animals.

1. How concerned should you be?

H5N1 is taking up a *lot* of brain space for epidemiologists, virologists, and veterinarians alike. Alarm bells are going off, many questions are thrown around, and [frustration is brewing](#).

Concern has percolated to the public. I tell my family and friends: H5N1 is something to watch, but for the general public, should only take up about 2-7% of your headspace.

Three reasons:

1. **Spillovers happen all the time, but** very few become pandemics because many unlucky things must occur in sequence. The probability of a pandemic in any given year is [2%](#); this outbreak has increased it a little (I would wager 7%).
2. **The risk to the general public today remains low.** According to a risk assessment report from Dr. Caitlin Rivers' team at John Hopkins, we are currently between risk scenarios 2 and 3 below. This isn't March 2020—not even January 2020. H5N1 is not spreading among humans, and this virus isn't novel; we have been studying it for years. Risk will ramp up if we see human clusters (Scenario 4) or sustained human spread (Scenario 5).

	Risk to agricultural workers	Risk to non- workers in the vicinity of affected workers and animal populations	Risk to healthcare workers	Risk to the US general public
Scenario 1	Low	Low	Very Low	Very Low
Scenario 2	Moderate	Low	Very Low	Very Low
Scenario 3	Moderate-High	Moderate	Low	Low
Scenario 4	High	Moderate-High	Moderate	Low-Moderate
Scenario 5	High	High	High	High

← We are here

↪ Can change quickly

Table Source: Johns Hopkins University; Annotated by YLE

3. ***There's not much you can do.*** Don't drink unpasteurized milk. (It isn't sold in grocery store chains, but you can find it at farmers markets, etc.) Don't touch wild birds. And if livestock animals look sick, stay away. Call your Congressman and urge pandemic preparedness and/or biosecurity support.

We are coming off an exhausting and hugely traumatic Covid-19 emergency. Many of us aren't psychologically or physically ready for another, but our survival sensors remain on high alert. Watching that we haven't learned lessons from Covid-19 after all we went through is equally frustrating.

But right now, H5N1 remains a low-chance, high-consequence situation.

2. What are the symptoms of H5N1 infection?

Unless you work closely with livestock, have had

contact with dead birds, or drink raw milk, it's very unlikely that H5N1 is causing your symptoms.

Symptoms can range from asymptomatic to severe. Textbook symptoms for H5N1 are like the flu: fever, chills, cough, runny nose, etc. Some people also get red eyes because our eyes have bird flu receptors. The [only symptom](#) the Texas farmer had was red eyes.

3. Can this affect my pets?

Domestic animals—cats, dogs, and backyard flocks—*can* get H5N1 if they contact (usually eat) a dead or sick bird or even its droppings.

The current cow outbreak revealed another infection pathway: unpasteurized milk.

Cats on farms in Texas with infected cows got very sick; 50% died (presumably) from drinking raw milk.



4. How do we know that our food is safe?

FDA found dead viral fragments in milk. It sounds scary, but we have over 100 years of data on the effectiveness of pasteurization. To confirm, the FDA tried to grow an active virus from pasteurized milk samples at our grocery stores. These experiments failed, which means virus fragments detected in milk were broken pieces that could not replicate and thus could not harm humans.

They also tested other milk products, such as cottage cheese, sour cream, and beef, in grocery store products. All are safe to consume.

Don't drink unpasteurized milk. It can make you very sick.

5. How dangerous is H5N1 to humans?

You will see a 50% fatality rate cited. Technically, this is correct because it's listed on WHO's website.

However, the "true" fatality rate is likely lower for three reasons:

1. ***This is among the cases detected.*** Past [antibody studies](#) of H5 suggest we are missing many infections.
2. ***When viruses mutate for human-to-human spread, they have to make trade-offs.*** Usually, this is trading disease severity for transmissibility.
3. ***We may have some cross-protection with regular flu strains.*** We've all seen N1 (the second part of H5N1) a bunch of times through flu vaccines and/or infection.

Of course, as we learned during the pandemic, even a small percentage of a large number of people is a large number. It could be devastating. So, regardless of the exact number, we need the government to prevent this from jumping to humans.

Bottom line

The H5N1 puzzle marches on. The risk to humans is not uniform. Unless you work on a farm or drink unpasteurized milk, keep H5N1 as a small nugget in your headspace. If risk changes (which it can and can quickly), at the very least, I will let you know.

In the meantime, local, state, and federal governments and key partners *really* need to get a handle on this so a pandemic can be prevented. The time to stop H5N1 is now.

■

***Katelyn Jetelina, MPH, PhD - EpiMonitor Editor-in-Chief and
Your Local Epidemiologist Journalist
Named to the Inaugural Time 100 in Health List***

Author: Staff

Following in the wake of the success of the original Time 100 list, Time Magazine this year chose to develop a list of the 100 individuals who are the most influential in health today. The result is the TIME100 Health list, which is comprised of a community of leaders from across industries—scientists, doctors, advocates, educators, and policy-makers, among others—dedicated to creating tangible, credible change for a healthier population.

Among the honorees on this list is our own Editor-in-Chief, Katelyn Jetelina, MPH, PhD. Many people are aware of her work creating Your Local Epidemiologist (YLE) during the depths of the COVID-19 crisis. With almost a quarter million subscribers worldwide, YLE has become in her words “a course...about what public health is and is not and how messy and complex it is.” YLE has allowed her to indulge in her primary passion – teaching- and in the case of YLE, teaching a worried public about epidemiology and public health.

Two years ago, Katelyn took over the helm at The Epidemiology Monitor and has stewarded this publication into its 45th year. Unlike YLE, which is geared to the general public, the EpiMonitor has allowed her to reach out to fellow professionals with important information for the epidemiology, biostatistics, and public health communities. Tens of thousands of professionals read the EpiMonitor monthly for information about public health issues in the news, job openings, events worldwide, and updates on their peers worldwide.



In addition to her publication efforts, Katelyn is also a scientific-communications consultant to the Centers for Disease Control and Prevention. She is also a frequent speaker at worldwide events including those sponsored by the WHO, IEA, and others.

Outside of her publication and consulting efforts, today Katelyn is leading an effort to raise funds to help others in the field who are dedicated to communicating information about public health issues to the general public.

For more information about the Time 100 list:
<https://tinyurl.com/ynpdbjju>

For more information about the EpiMonitor:
<http://www.epimonitor.net>

For more information about Your Local Epidemiologist:
<https://tinyurl.com/6jvuj6hs>

Ulm University Summer Program

Europe – Ulm Germany

Name	32 nd International Summer School of Epidemiology
Sponsors	Ulm University in cooperation with the Gillings School of Public Health at Chapel Hill, North Carolina
Location	Ulm Germany
Program year	32nd
Types and dates of Courses	4 courses given the week of July 22 – 26, 2024 with two courses running in the mornings and two in the afternoons
Language	English
Number of faculty	4 from UNC Gillings
Target audience	Not specified
Cost	600 euros for one and 1,200 for two courses with discounts for members of the German Epidemiological Society or Students
Deadline for registration	July 12, 2024
Limit on participants	24 per course
Course directors	Dietrich Rothenbacher in Germany and Wayne Rosamond at UNC Gillings
Contact information	Nicole Kroll +49 731 50 31076 nicole.kroll@uni-ulm.de
Editor's Comments	<p>This is a long-standing program that now has ties with the Gillings School of Public Health, providing the faculty for all courses in 2024. They are:</p> <ul style="list-style-type: none"> • Introduction to Principles of Epidemiology • Advanced Analytic Methods in Observational Epidemiology • Communicating Science to the Public • Clinical Epidemiology

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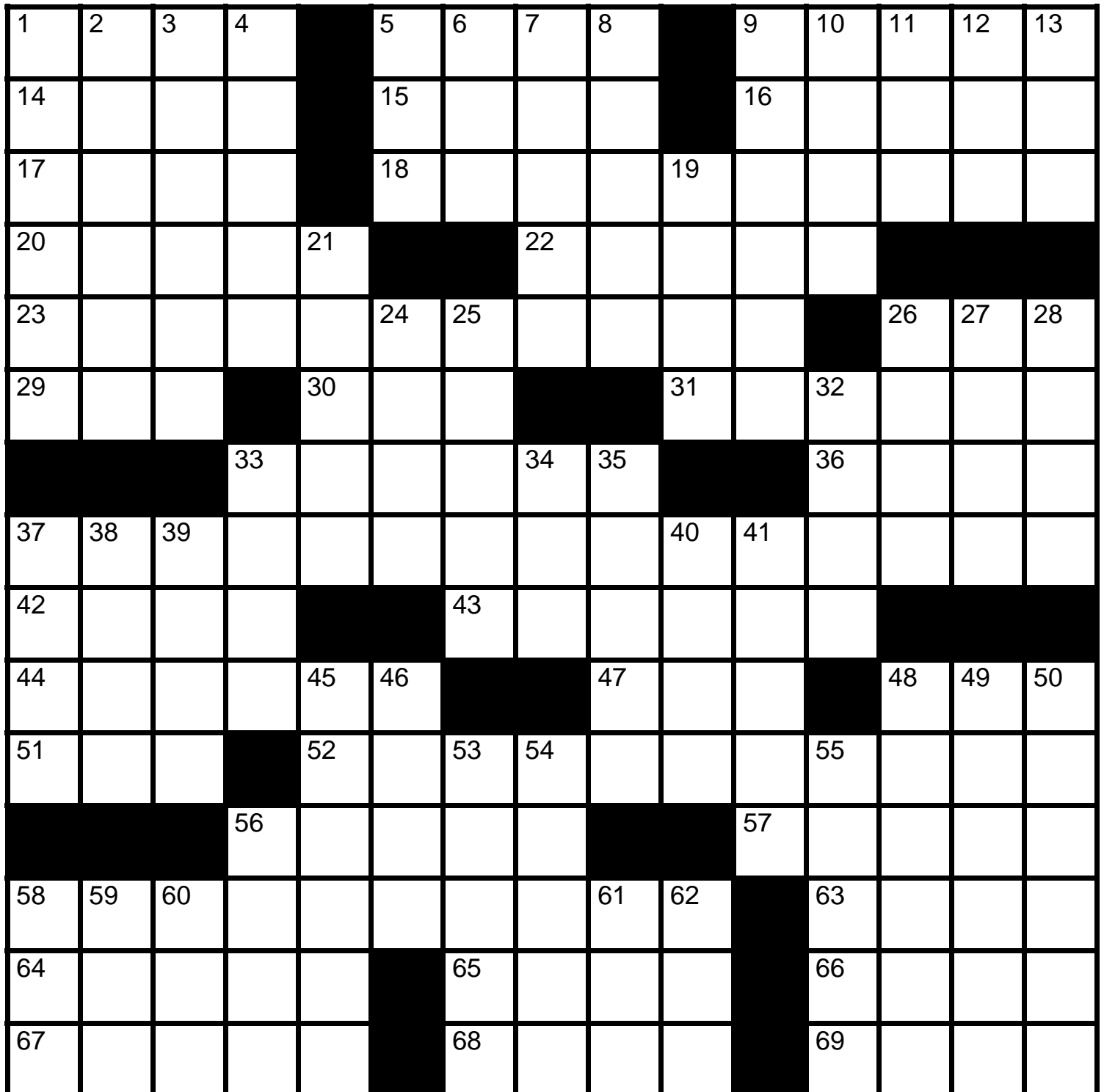
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Epi Crossword Puzzle – May 2024

Five of the Time 100 in Health

Our crossword puzzle was created by by Dr. Richard Dicker—A former CDC employee and not-quite-retired epidemiologist. For an online version go to: <https://tinyurl.com/mrxumycr>



- Crossword Questions cont'd on page 15

Across

1. "___ bien!"
5. Cutting remark
9. Raw data, usually
14. Left
15. Smoothie berry
16. Clear the whiteboard
17. Opposite of ecto-
18. *Time-100-Health: "Key communicator" (and CDC Director)*
20. Butcher shop buys
22. Evil spirit
23. *Time 100 Health: "Doctor of human connection" (and U.S. Surgeon General)*
26. Place to relax
29. "Able was I ___ I saw Elba"
30. Alley ___
31. Out for the night
33. No-nos
36. It means everything
37. *Time-100-Health: "Speaking up for science" (and Epi Monitor's editor!)*
42. Clickable image
43. Spain, in Spain
44. Airplane seating choice
47. Wall St. debut
48. Unlock, poetically
51. Negatively charged ending for chlor- or brom-
52. *Time-100-Health: "Chasing Parkinson's treatments" (and Doc Hollywood actor)*
56. Musk company
57. Video game hedgehog
58. *Time-100-Health: "Science warrior" (and frequently quoted COVID expert)*
63. Part of ENT
64. Grown-up
65. Cell culture cell or Florida beach
66. Suffixes with consul
67. Coleridge's "___ Khan"
68. Border
69. Toy truck brand

Down

1. Number of drummers drumming at Christmas
2. "The Bathers" painter
3. Salad green
4. Rosetta or Blarney, e.g.
5. "Kapow!"
6. Obamacare law, for short
7. Time off, especially for GIs
8. Bathroom fixture
9. Fake ducks, for example
10. Wrinkle remover
11. "Go team!"
12. When doubled, fly associated with African sleeping sickness
13. Tokyo currency
19. Jewish youth org. similar to Village People song org.
21. "Cheers!"
24. Whale called Dick
25. Ahead by a run
26. 18-wheeler
27. Founder of Philadelphia
28. Western Samoa's capital
32. She said, "Little boy, gonna make you a man," in a Kinks song
33. Look after, as a fire or flock
34. Breakfast beverages, in brief
35. Brown shade
37. Nickname for a New Zealander
38. It's below 7 on the pH scale
39. Strengthen, with "up"
40. Computer data storage device back in the day
41. Organic compounds
45. Code of silence
46. What some do on the first star of the night they see
48. Distinguished
49. Balances evenly
50. ____ risk (risk difference)
53. Garlic amount
54. Loathed
55. He spent three nights in a whale
56. Show's partner
58. Country between AFG and IND
59. Part of some email addresses
60. Setting for a "Rubber Duckie" singalong
61. 0.0000001 joule
62. Actress Caldwell or Saldana

What We're Reading This Month

Editor's Note: All of us are confronted with more material than we can possibly hope to digest each month. However, that doesn't mean that we should miss some of the articles that appear in the public media on topics of interest to the epi community. The EpiMonitor curates a monthly list of some of the best articles we've encountered in the past month. See something you think others would like to read? Please **send** us a link at info@epimonitor.net and we'll include it in the next month.

Public Health Topics

- ◆ **Unsung Zeros: How biostatistics advances personalized health in the era of smart data** (Vanderbilt University)
<https://tinyurl.com/2dfsuxbh>
- ◆ **The Disease Detectives Trying to Keep the World Safe From Bird Flu** (NY Times)
<https://tinyurl.com/muv2nmjv>
- ◆ **The Bird-Flu Host We Should Worry About** (The Atlantic via AppleNews)
<https://tinyurl.com/yyuurp37>
- ◆ **Five Best: Books on Breakthroughs in Biology** (WSJ via AppleNews)
<https://tinyurl.com/yc3p84an>
- ◆ **New guidance for One Health field epidemiology workforce development** (World Organization for Animal Health)
<https://tinyurl.com/tf2chjbx>
- ◆ **Doctor who is dedicating her career to solving mystery of colon cancer in young people reveals what could be causing explosion of cases** (Daily Mail)
<https://tinyurl.com/ytzdc4ex>
- ◆ **As Bird Flu Looms, the Lessons of Past Pandemics Take On New Urgency** (NY Times)
<https://tinyurl.com/4kwas9h>
- ◆ **Farm Animals Are Hauled All Over the Country. So Are Their Pathogens** (NY Times)
<https://tinyurl.com/3u3fmmx7>
- ◆ **Body lice may have spread plague more than thought, science suggests** (NBC News)
<https://tinyurl.com/5n6nhuhb>
- ◆ **STIs, including syphilis, gonorrhea, increasing globally: WHO** (ABC News)
<https://tinyurl.com/357mmphp>

Public Health Topics

- ♦ Michigan reports a human case of bird flu, the nation's second linked to H5N1 outbreak in dairy cows (STAT via AppleNews)
<https://tinyurl.com/4zm5z75f>
- ♦ As states loosen childhood vaccine requirements, public health experts' worries grow (Orlando Sentinel via AppleNews)
<https://tinyurl.com/m8v4pndw>

COVID-19

- ♦ Covid will still be here this summer. Will anyone care? (WAPO via AppleNews)
<https://tinyurl.com/3fjfrfbu>
- ♦ Tracking COVID amid a gender disparity in epidemiology (NY Times)
<https://tinyurl.com/3xw3dpa8>
- ♦ These are the symptoms of the latest COVID variant 'FLiRT' that is spreading across the US (The Oregonian via AppleNews)
<https://tinyurl.com/ypyc5efu>
- ♦ Improving COVID-19 Epidemiology Through a Health Equity Lens (IDSA)
<https://tinyurl.com/4skpf69z>
- ♦ COVID "likely growing" in D.C. and 12 states, CDC estimates (CBS)
<https://tinyurl.com/5y4t68vw>

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Notes on People

Do you have news about yourself, a colleague, or a student?

Please help The Epidemiology Monitor keep the community informed by sending relevant news to us at this address for inclusion in our next issue. people@epimonitor.net



Named: Shruti Mehta, PhD, MPH, has been named The Dr. Charles Armstrong Chair in Epidemiology and Professor in the Department of Epidemiology at the Johns Hopkins Bloomberg School of Public Health, effective June 1. Her work as an infectious disease epidemiologist focuses on ensuring equitable access to prevention and treatment services for vulnerable and disenfranchised populations, particularly people who inject drugs who are at risk for, or living with, HIV or hepatitis C.



Named: Washington University in St. Louis has announced that **Sandro Galea**, MD, DrPH, one of the world's most influential public health leaders, will become the inaugural Margaret C. Ryan Dean of the university's planned School of Public Health, effective January 1, 2025. Galea is currently dean of Boston University's School of Public Health and the Robert A. Knox Professor. He also is a professor of family medicine at Boston University's Chobanian & Avedisian School of Medicine.



Named: Elizabeth Selvin, PhD, '04, MPH, has been appointed the next director of the Welch Center for Epidemiology and Clinical Research at the Johns Hopkins University, effective May 1, 2024. Selvin is a professor of Epidemiology at the Bloomberg School and holds a joint appointment in the School of Medicine, Division of General Internal Medicine. She is the author or co-author of over 550 peer-reviewed papers. She has devoted her career to leading translational research projects designed to evaluate and improve screening, diagnosis, and patient care for persons with diabetes.



Named: The Icahn School of Medicine at Mount Sinai has established a new Department of Public Health under the visionary leadership of **Rosalind J. Wright**, MD, MPH, the Horace W. Goldsmith Professor in Children's Health Research at Icahn Mount Sinai. Dr. Wright will continue in her role as Director of Conduits, the Clinical and Translational Science Award (CTSA) Program at Mount Sinai, which will serve to better integrate the school's programs in clinical and public health research.

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Appointed: Dr. Weng Kee Wong has been appointed as the associate editor for the Journal of the American Statistician Association and Scientific Reports. A UCLA faculty member, he is currently the biostatistician for the "Multi-Center Phase II Trial of Oral Type I Bovine Collagen in Scleroderma" supported by the National Institutes of Health (NIH).



Appointed: Bhramar Mukherjee, PhD, has been appointed Yale School of Public Health's inaugural Senior Associate Dean of Public Health Data Science and Data Equity. She joins YSPH on Aug. 1, 2024. Mukherjee currently holds a number of academic positions at the University of Michigan School of Public Health where she is the John D. Kalbfleisch Distinguished University Professor, Siobán D. Harlow Collegiate Professor of Public Health, and chair of the Department of Biostatistics. She is also a professor of epidemiology, and of global public health.



Honored: Tanya Garcia, PhD, associate professor in the Department of Biostatistics at the UNC Gillings School of Global Public Health has been honored with the 2024 Gertrude M. Cox Award, which is awarded by Washington Statistic Society (WSS) and RTI International. For over a decade, Garcia has led a transdisciplinary research team of statisticians and neuroscientists toward designing robust statistical methods for neurodegenerative diseases.



Honored: The United States Department of Agriculture, Agricultural Research Service (ARS), has named **Adam Drewnowski**, professor of epidemiology at the University of Washington School of Public Health the 2024 Wilbur Olin Atwater Memorial Lecturer. He is a member of core faculty in the Food Systems, Nutrition, and Health Program at the UW. He is well known for his contributions to research in nutrition, socioeconomic determinants of obesity and diet-related chronic disease, relation between diet quality and diet cost, and sustainable nutrition security as it relates to climate change.

Notes on People

Do you have news about yourself, a colleague, or a student?

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Appointed: Benjamin French, PhD, professor of biostatistics and director of graduate studies at Vanderbilt University, has been elected to the National Council for Radiation Protection and Measurements (NCRP) for a six-year term. Dr. French joined the NCRP's program area committee on Basic Criteria, Epidemiology, Radiobiology, and Risk in Fall 2023. He serves as an expert advisor to the Department of Statistics at the Radiation Effects Research Foundation and contact PI of the R01-funded "Optimizing the implementation of personalized risk-prediction models for venous thromboembolism among hospitalized adults" study; he was also PI of "Evaluation of time-dependent covariates in radiation dose-response models in the Million Person Study," supported by Oak Ridge Associated Universities and is co-investigator of the NASA-sponsored "Evaluation of dementia and cognitive tests among workers exposed to low-LET radiation."

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For more information please contact:

Michele Gibson / michele@epimonitor.net

Near Term Epidemiology Event Calendar

Every December The Epidemiology Monitor dedicates that issue to a calendar of events for the upcoming year. However that often means we don't have full information for events later in the upcoming year. Thus an online copy exists on our website that is updated regularly.

To view the full year please go to: <http://www.epimonitor.net/Events> The events that we are aware of for the next month follow below.

May 2024

June 1–30 <https://tinyurl.com/jxms5vue>
Summer Program: EpiSummer@Columbia / Virtual

June 3-4 <https://tinyurl.com/93tfeknz>
Conference: ICNEPH 2024: International Conference on Nutritional Epidemiology and Public Health / WASET / New York, NY

June –5 <https://bit.ly/3DNvDDG>
Conference: Association for Professionals in Infection Control and Epidemiology (APIC) 2023 Annual Conference / APIC / San Antonio, TX

June –7 <https://tinyurl.com/5d3ypera>
Conference: ISEE Europe Young and Early Career Researchers Conference / International Society for Environmental Epidemiology / Rennes, France

June 9-13 <https://bit.ly/2Pkd8Q4>
Conference: Council of State & Territorial Epidemiologists 2024 Annual Conference / CSTE / Pittsburgh, PA

June 10-12 <http://tinyurl.com/msdrnpt2>
Short Course: Cardiovascular Epidemiology / Erasmus MC / Rotterdam, The Netherlands

June 10-12 <http://tinyurl.com/2s34e9y5>
Short Course: Multiple Imputation for Missing Data / University of Bristol / Virtual

June 10-14 <https://bit.ly/2zSUnwy>
Short Course: Psychopharmacology / Erasmus MC / Rotterdam, The Netherlands

June 10-15 <https://tinyurl.com/368tcijt>
Short Course: Biology of Vector-Borne Diseases / Infectious Disease Society of America / Moscow, ID

June 12-14 <https://tinyurl.com/yc8jb892>
Short Course: 11th Nordic Conference of Epidemiology and Register-Based Health Research (NordicEpi) / Danish Epidemiological Society (DES) & Univ of Copenhagen / Copenhagen, Denmark

June 12-14 <https://tinyurl.com/mtymba3iy>
Conference: Conf on Epidemiological Birth Cohort and Longitudinal Studies / University of Oulu / Oulu, Finland & Virtual

June 13-14 <https://tinyurl.com/32h8ndvc>
Conference: 15th Annual Conference on Epidemiology - Infectious Diseases & Public Health / Conference Series / Rome, Italy

June 17-18 <http://bit.ly/2RyvIGU>
Conference: 37th Annual SPER Meeting / Society for Pediatric and Perinatal Epidemiologic Research / Austin, TX

June 2024

June 17-18 <https://tinyurl.com/555bw3r9>

Conference: 2024 Policy Action Institute / APHA / Hybrid

June 17 – July 5 <http://eepe.org/>

Summer Program: 36th Residential Summer Course in Epi / EEPE / Florence, Italy

June 18-21 <http://tinyurl.com/yeyvpndm>

Conference: Global Health Security Conference 2024 / Multiple / Sydney, Australia

June 18-21 <https://tinyurl.com/2yxev9dj>

Workshop: Student Dissertation Workshop / Society for Epidemiologic Research / Austin, TX

June 18-21 <https://tinyurl.com/mr26dsvr>

Conference: Society for Epidemiologic Research Annual Conference / SER / Austin, TX

June 19-21 <https://tinyurl.com/5n6knukk>

Conference: 6th Mendelian Randomization Conference / MRC Integrative Epidemiology Unit at the University of Bristol / Bristol, England

June 20-21 <https://tinyurl.com/mvrb6jun>

Conference: 7th Annual Conference on Epidemiology & Public Health / Conference Series / Dublin, Ireland

June 24-25 <http://tinyurl.com/2f2ax7jw>

Short Course: Statistical Methods for Mediation Analysis / University of Bristol / Virtual

June 24 – August 9 <https://tinyurl.com/yc35sbw3>

Summer Program: Stanford Population Health Summer Research Program / Stanford Univ / Stanford, CA

June 29 – July 3 <https://tinyurl.com/sav2chch>

Conference: 2024 Annual Research Meeting / Academy Health / Baltimore, MD

June 29 – July 6 <https://tinyurl.com/mrxm4py7>

Summer Program: ESCMID Summer School / Escmid / Utrecht, The Netherlands

June TBD <https://bit.ly/3xxZn8o>

Summer Program: 41st Summer Institute of Biostat & Epidemiology / Johns Hopkins University / Virtual

June TBD <https://bit.ly/3BLd4lC>

Conference: Advancing Policy to Improve Health / APHA / Washington, DC & Virtual

June TBD <https://tinyurl.com/bdcufee9>

Summer Program: Pharmacoepidemiology Summer School / AARHUS University / Grenaa, Denmark

June TBD <http://bit.ly/368xRgK>

Summer Program: Summer Program in Epidemiology / Harvard University / Boston, MA

June TBD <http://bit.ly/37u0852>

Conference: 8th annual Symposium on Advances in Genomics, Epidemiology and Statistics (SAGES) / University of Pennsylvania - CCEB / Philadelphia

July 2024

July 1-4	https://tinyurl.com/ykdakije
Short Course: Causal Inference in Epidemiology: Concepts and Methods / University of Bristol / Virtual	
July 1-12	https://bit.ly/2Kxw9QD
Short Course: Epidemiological Evaluation of Vaccines: Efficacy, Safety and Policy / London School of Health & Tropical Medicine / London, England	
July 8 – Aug 2	http://bit.ly/2LSdUmP
Summer Program: 8th Annual Summer Institute in Statistics for Clinical & Epidemiological Research (SISCER) / University of Washington / Virtual	
July 8-26	https://bit.ly/2QnqkHv
Summer Program: 59th Summer Session in Epidemiology / University of Michigan / Ann Arbor, MI	
July 11-12	http://tinyurl.com/26sm9fs8
Short Course: Further Survival Analysis / University of Bristol / Virtual	
July 15-31	https://tinyurl.com/4j5mr5ru
Summer Program: 13th Annual Summer Institute in Statistics and Modeling in Infectious Diseases (SISMID) / SISMID & Emory University / Atlanta, GA	
July 21-26	https://tinyurl.com/3jr6kss9
Conference: Integrative Molecular Epidemiology Workshop / American Association for Cancer Research (AACR) / Philadelphia, PA	
July 22-26	https://tinyurl.com/2s2e4vhx
Conference: 25th Annual International AIDS Conference / International AIDS Society / Munich, Germany	
July 22-26	http://bit.ly/38Agng0
Summer Program: 31st International Summer School of Epidemiology at Ulm University / Ulm University & University of North Carolina / Ulm, Germany	
July 23-36	https://bit.ly/3GC1mtG
Conference: NACCHO 360 Conference / NACCHO / Detroit, MI	
July TBD	http://bit.ly/3mOIFtn
Summer Program: 8th Annual Summer Institute in Statistics for Big Data (SISBID) / University of Washington / Virtual	

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The Division of Public Health Sciences Postdoctoral Research Fellowship in Public Health

Seeking postdoctoral fellowship applicants with an interest in cancer prevention and control to join diverse team of multidisciplinary researchers in the Division of Public Health Sciences and Siteman Cancer Center at Washington University in St. Louis. We welcome applicants from a range of disciplines. Our multidisciplinary faculty conducts world-leading research on a wide range of health issues and leads community education and outreach to prevent cancer and other diseases, promote population health, and improve quality and access to health care in Missouri and beyond. Engaging populations underrepresented in research and addressing cancer disparities are priorities in the work we do.

The Division has a diverse range of NIH funded projects and faculty mentors—to see the full range, consult our website.

While we welcome applicants in any relevant research area, these are the highest priorities for the Training Program:

- Cancer Disparities and Health Equity
- Community-based and Community-engaged Research
- Cancer Epidemiology
- Implementation Science
- Shared Decision Making
- Social Determinants of Health

Postdoc positions are partially funded by a T32 grant (T32CA190194) from the NCI, with annual stipend starting at \$53,760, depending on experience, for up to 3 years.

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We particularly welcome applications from first generation college graduates and other backgrounds underrepresented in biomedical sciences. Washington University School of Medicine is an equal opportunity employer.

Send inquiries to: Dr. Aimee James and Dr. Graham Colditz, Training Directors, at aimeejames@wustl.edu

To apply: send an application, cover letter, curriculum vitae, and professional reference list by email to PIISpostdoc@wustl.edu. Applications are considered on a rolling basis.

To learn more about the Division and our faculty, please visit: <https://publichealthsciences.wustl.edu/>

Division of Public Health Sciences | 600 S. Taylor Avenue, 2nd Floor | St. Louis, MO 63110 | (314) 454-7940

Post-Doctoral Research Fellow, Cardiovascular Epidemiology

The Department of Research and Evaluation (R&E) of Kaiser Permanente Southern California (KPSC) is seeking a Post-Doctoral Research Fellow interested in cardiovascular epidemiology.

KPSC is a multidisciplinary research environment consisting of epidemiologists, clinician researchers, behavior and implementation scientists, and data scientists. Scientists in the Department of R&E conduct research involving large, diverse populations, providing timely evidence to decision-makers and the public. The cardiovascular disease research team has expertise and experience in performing a vast array of population-based cardiovascular disease research and pharmacoepidemiology studies, applying advanced analytic methods. Projects include large National Institutes of Health funded multisite cardiovascular epidemiologic studies on prevention, incidence, treatment, medication adherence, comparative effectiveness/safety, and outcomes research using real-world electronic health record data. The overarching goal of these studies is to use our large membership and extensive data to generate results that will improve care and contribute to scientific knowledge about cardiovascular outcomes.

The research team collaborates with partners from government, industry, academia, and other health care systems. This position will provide mentored experience in conducting research, proposal development and scientific publication, designed to prepare the incumbent for a productive career as an independent researcher. The fellow will be encouraged to lead their own research projects, write grants, communicate results at national and international conferences, and publish scientific findings.

Essential Responsibilities:

- ▶ Designs, develops and directs well-defined research with supervision from a R&E Research Scientist.
- ▶ Prepares grant proposals and publications independently and collaboratively.
- ▶ Provides consultation and direction to programmers/analysts with regard to data management and analysis.
- ▶ May perform chart reviews or provide direction to research support staff performing these tasks.
- ▶ Presents study findings at scientific meetings.
- ▶ Participates in R&E department meetings and projects as appropriate.

Preferred Qualifications:

- ▶ Doctoral degree (Ph.D., Dr.P.H., Sc.D.) in epidemiology, preferably in pharmacoepidemiology or cardiovascular disease epidemiology, health economics and outcomes research, health services research, or a clinical doctoral degree (M.D., Pharm.D.) + master's degree with formal research training in epidemiology and/or biostatistics.
- ▶ Track record of publication in the peer-reviewed literature.
- ▶ Competent in advanced research methods, including statistical techniques and study design commonly used in epidemiologic research or related fields.
- ▶ Experience with large electronic health records or claims databases.
- ▶ Strong communication and analytic skills.

A description of the Department of Research & Evaluation is available on the web at <http://kp.org/research>.

It is home to over 40 research scientists, post-doctoral fellows and clinician investigators and over 400 support staff. The Department is located in Pasadena, California, a community of 140,000 residents and the home of the California Institute of Technology, the Rose Bowl, the Jet Propulsion Lab, and other historical and cultural sites. Information about the community can be found at <https://www.visitpasadena.com>.

KPSC is an Equal Opportunity/Affirmative Action Employer and offers a comprehensive compensation package, including employer-paid medical, dental and coverage for eligible dependents. Competitive wages, generous paid time-off and a comprehensive retirement plan are just part of the exceptional benefits offered to Kaiser Permanente employees. For immediate consideration, interested candidates should submit their letter of interest and CV online at www.kp.org/careers (job number 1278080). Inquiries may be directed to Dr. Kristi Reynolds, Director of Epidemiologic Research (email: <mailto:Angela.X.Tedford@kp.org>). Principals only

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