

# FLN Networker No. 353: July 12, 2023

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*The FLN Networker is a publication of the Fire Learning Network—a partnership of the USDA Forest Service, agencies of the Department of the Interior and The Nature Conservancy—intended to foster communication within the network and among its friends. Submit comments, information to share, and subscription requests to Liz Rank.*

For more about the FLN, visit [www.conservationgateway.org/fln](http://www.conservationgateway.org/fln).

## News from the Field

**California:** The *Vice* [article](#) “These Tech Companies Think They Can ‘Solve’ the Wildfire Crisis” starts by featuring an array of proposed and piloted high-tech solutions to our wildfire crisis. Then it turns to **Margo Robbins** and her community’s work **bringing cultural fire to the landscape**—and putting a gentle damper on the promise of technological silver bullets.

**California:** A new [article](#), “Taming Fire: **Controlled Burns Can Be a Boon** to Our Landscape,” from UC Santa Barbara is rooted in a burn conducted on a university preserve during the **Santa Barbara TREX** last November and post-fire monitoring this spring. Along with good photos, the article covers the fire management context of the burn well.

**Georgia:** A very diverse crowd of **more than 160 people**—private landowners, consultants, foresters, and practitioners from numerous agencies and organizations—gathered for the **North Georgia Prescribed Fire Council** meeting in June. Presentations covered a range of prescribed fire topics related to wild turkey and ruffed grouse, southern pines, air quality impacts, private land owner assistance, and more (**recordings** are available on the Southern Fire Exchange [YouTube channel](#)). For more, contact **Georgia Blue Ridge Mountains** landscape co-lead **Mike Davis** ([michael.davis1@usda.gov](mailto:michael.davis1@usda.gov)).

**Nebraska:** At the April **Niobrara Valley TREX**, **35 participants** from **six countries**—Brazil, Canada, Mexico, Portugal, Spain and the U.S.—came together to **learn from each other** about prescribed fire at the Niobrara Valley Preserve and in their home landscapes. Adverse weather conditions and a statewide burn ban allowed for only one **581-acre prescribed burn**, but participants use the rest of the time well, getting trained up on equipment, burn plan writing, and scouting burn units. They also visited the Nebraska National Forest to tour the aftereffects of the **Bovee wildfire** and hear from staff about the impacts of that high intensity fire on the forests and rangelands there. For more, contact **Amanda Hefner** ([amanda.hefner@tnc.org](mailto:amanda.hefner@tnc.org)).

**North Carolina:** In May the **Southern Blue Ridge PBA** hosted **a women’s chainsaw safety and wildfire preparedness** training, which **Dakota Wagner** ([dakota@forestguild.org](mailto:dakota@forestguild.org)) wrote about in the [FAC Net blog post](#) “Igniting Empowerment in Wildfire Mitigation at Women’s Chainsaw Workshops.”

## Funding: WUI Communities / Washington Rx Fire

**WUI Communities:** The **U.S. Fish and Wildlife Service** is accepting applications for its **National Fire Plan-Wildland Urban Interface Community Fire Assistance** grants. The grants—from \$5,000-\$10,000,000—are available to a **wide range of applicants**, from tribal and state governments to individuals and small businesses. They are intended to **help implement the Cohesive Strategy** and assist communities by providing assistance in “risk assessment and planning, training, mitigation activities, and community and homeowner education and action; planning and implementation of fuels management reduction activities aimed at mitigating the threat of catastrophic wildfire to communities and natural resources in high risk areas, including associated monitoring or maintenance, on federal

land and/or on adjacent non-federal land; enhancement of local and small business employment opportunities for rural communities; and providing education and training focused on increasing knowledge and fire protection capability of rural fire districts.” See [opportunity F23AS00395](#) on [grants.gov](#) for details; applications are due by **September 1**.

**Washington Rx Fire:** The **Washington State Department of Natural Resources** is requesting proposals for **prescribed fire funding** in three areas—**training, planning and operations**, and **prescribed burn association support**. See the attached note from the Washington Prescribed Fire Council for details. Deadlines are **August 4** for the first two, and **August 18** for the PBA support.

## Input Requested: AFE T-Shirt

**AFE T-Shirt:** The **Association for Fire Ecology** is soliciting **one-color designs** for a new t-shirt. Designs can include graphics and text, but no copywritten or trademarked elements. The AFE logo or [fireecology.org](#) may be added to the final shirt design. Submit artwork and or questions to Annie ([office@fireecology.net](mailto:office@fireecology.net)) by **July 31**. The selected artist will receive a one-year AFE membership—and a t-shirt.

## Resources: LANDFIRE / Nature Journaling / Workers’ Comp

**LANDFIRE:** The [LANDFIRE 2022 Update](#) is taking place between May and the end of the year (with the western U.S. done by July). This is the first time that **disturbances from the year before** are represented in current year products.

**Nature Journaling:** Fire educator **Miriam Morrill** has written and illustrated “**Pyrosketchology: An Illustrated Guide to Nature Journaling About the Fire Environment**.” This year she is making chapters of the book [available in pdf format](#) for use by **educators, property owners and fire practitioners** to build awareness of the fire environment through observations, sketching and nature journaling.

**Workers’ Comp:** Last year the **U.S. Department of Labor** released a bulletin identifying a **list of diseases**—mainly cancers—that will be “**presumed**” to be **work-related** for those employed as **federal firefighters** for at least “five years in aggregate.” Read more in the [blog post](#) “A Federal Firefighter is Diagnosed with Brain Cancer and Workers’ Compensation Covers It” from the **Wildland Lessons Learned Center**.

## Articles & Reports: Smoke Modeling / Managed Wildfire / Seedlings / Drought & Beetles / Shaded Fuel Breaks

**Smoke Modeling:** The [article](#) “A **Comparison of Smoke Modelling Tools** Used to Mitigate Air Quality Impacts From Prescribed Burning” compares results from three tools—**Simple Smoke Screening Tool, VSmoke and HYSPLIT**—on prescribed burns conducted in North Carolina over a year. The authors found that their “analysis of an operational burning program suggests that the **differences** among the tools are **significant and inconsistent**.”

**Managed Wildfire:** The **Forest Stewards Guild, Ecological Restoration Institute** and **Southwest Fire Science Consortium** have released the brief [special report](#), “Managed Wildfire: A Research **Synthesis and Overview**,” covering, among other things, the evolving nomenclature for the management of wildfires for ecological benefit and resource objectives. Also available from the Ecological Restoration Institute is the [white paper](#) “The **Evolution of Wildfire Policy** Governing Management of **Natural Ignitions**.”

**Seedlings:** A [technical note](#) with a spoiler-filled title—“**North-Facing Aspects, Shade Objects, and Microtopographic Depressions Promote the Survival and Growth of Tree Seedlings Planted After Wildfire**”—was based on a study of 300 pine and fir seedlings, four years after planting on a site in Colorado.

**Drought & Beetles:** The [article](#) “Tree Resistance to Drought and Bark Beetle-Associated Mortality Following **Thinning and Prescribed Fire Treatments**” is based on a study of sugar pine and white fir on the Stanislaus-Tuolumne Experimental Forest.

**Shaded Fuel Breaks:** The [article](#) “Shaded Fuel Breaks Create **Wildfire-Resilient Forest Stands: Lessons From a Long-Term Study in the Sierra Nevada**” was based on a study of treatments implemented on the Plumas NF in 2001-2002.

## In the News: Rx Liability Standard / Tick Talk / Confronting the Wildfire Crisis

**Rx Liability Standard:** The **North Carolina Farm Act of 2023**, which recently became law through an override of the governor’s veto, contains a [wide variety of provisions](#), including several related to prescribed fire. Among these is a provision that **raises the liability threshold to gross negligence**, as opposed to the previous simple negligence standard. The change also covers **both smoke and fire impacts**, while previous law provided liability protection only for smoke damage.

**Tick Talk:** The *Time* magazine [article](#) “This Year Might Be the **Worst Tick Season Ever**. Here’s Why” calls out **climate change and an expanding WUI**. It also includes links to CDC resources, including county-level data on the presence of tick species and a list of common tick-borne illnesses. In other tick news, PBS News Hour reports on a recent study in the [article](#) “**Ticks Can Use Static Electricity** to Land on You and Your Pets, Study Finds.”

**Confronting the Wildfire Crisis:** The AP [story](#) “Billions Are Being Spent to Turn the Tide on the U.S. West’s Wildfires. It Won’t Be Enough” checks in on the progress on the **Forest Service 10-year strategy** to address wildfire. It gives a pretty thorough **overview of the challenges** facing the **rapid scaling-up** of fuels treatment work.

## Jobs

**Program Director:** The **Nature Conservancy** in **Colorado** is seeking a manager for its **Tribal and Indigenous Engagement Program**. Details are on the TNC careers page ([job ID 53591](#)); applications are due by **July 14**. Current employees should apply through [PeopleSoft](#).

**Burn Crews:** The **North America Fire** program at **The Nature Conservancy** is hiring **part-time burn crew members** (FFT2) for the fall prescribed fire season. Assignments will be in several states, primarily in the western U.S. and travel, meals and lodging will be covered while on assignment. Details are on the TNC careers page ([job ID 53594](#)); applications are due by **July 21**. Current employees should apply through [PeopleSoft](#).

**Rx Practitioners:** The **North America Fire** program at **The Nature Conservancy** is hiring **part-time prescribed fire practitioners** (SRB or RXB2) for the fall prescribed fire season. Assignments will be in several states, primarily in the western U.S. and travel, meals and lodging will be covered while on assignment. Details are on the TNC careers page ([job ID 53596](#)); applications are due by **July 21**. Current employees should apply through [PeopleSoft](#).

**Burn crew member:** The Nature Conservancy in Illinois is seeking a burn crew member (FFT2) to work as part of the Southern Illinois Interagency Habitat and Fuels Crew. Duties will include prescribed fire, suppression, non-native invasive species control and timber management. Details are on the TNC careers page ([job ID 53687](#)); applications are due by July 21. Current employees should apply through [PeopleSoft](#).

**Ecologists:** The National Park Service is hiring five wildland fire ecologists in the Intermountain Region—at Big Thicket National Preserve and Saguaro NP (both [control number 736376100](#)) and at Glacier, Grand Canyon, and Zion national parks ([control number 736376200](#)). Applications are due by July 25.

**Info Coordinator:** Audubon Canyon Ranch is hiring a prescribed fire information coordinator to join the growing Fire Forward team. Details are at [egret.org/work-with-us](http://egret.org/work-with-us); applications are due by August 14.

**Program Manager:** Conservation Legacy is seeking a Fire and Forest Management Program Manager—Conservation Corps North Carolina; see the [position description](#) for details.

**Women in Fire:** The Nature Conservancy in Illinois is seeking a women in fire coordinator (FFT1) to administer the Women in Fire Fellowship. Details are on the TNC careers page ([job ID 52726](#)); current employees should apply through [PeopleSoft](#).

**Partnership Director:** The Nature Conservancy is seeking a tribal nations & Indigenous communities partnership director to serve as TNC's primary liaison with tribal nations and Indigenous communities in Minnesota, North Dakota and South Dakota. Details are on the TNC careers page ([job ID 53584](#)); current employees should apply through [PeopleSoft](#).

**Preserve Manager:** The Nature Conservancy is seeking a preserve manager (FFT1) for a new preserve in Creek County, Oklahoma. Details are on the TNC careers page ([job ID 53652](#)); current employees should apply through [PeopleSoft](#).

**Postdoc:** The U.S. Forest Service is seeking a postdoc focused on communications networks, who will apply big data, social media and conventional media to rapidly characterize wildfire risk communications for priority landscapes. The work is part of a larger, multi-organization, BIL-funded research project focusing on community-level adaptation to wildfire. See the attached flyer for details.

## Webinars

July 19  
new listing

### Colorado Wildfire Risk Assessment (CO-WRA) Webinar

noon Pacific / 1:00 Mountain / 2:00 Central / 3:00 Eastern

This webinar will provide an overview of the major changes made in 2022 to the 2017 Colorado Wildfire Risk Assessment ([CO-WRA](#)) ([register](#)).

July 21  
new listing

### Introduction to the Southern Blue Ridge PBA

10:00 Pacific / 11:00 Mountain / noon Central / 1:00 Eastern (1.5 hr)

The [SBR PBA](#) will share general information about the PBA, discuss resources available to landowners, and engage with its growing fire community. [Join the webinar](#) (no registration).

July 25  
new listing

### Increasing Post-Wildfire Planted Seedling Survival

11:00 Pacific / noon Mountain / 1:00 Central / 2:00 Eastern

Chris Marsh will be the presenter on this webinar from the Southwest Fire Science Consortium ([register](#)).

- July 28**  
**new listing**      **Fire, Flood, and Mud: Assessing Postfire Debris-Flow Hazards Across the Western U.S.**  
8:30 Pacific / 9:30 Mountain / 10:30 Central / 11:30 Eastern (1.5 hr)  
Jason Kean will be the presenter for this webinar in the Coalitions & Collaboratives After the Flames series ([register](#)).
- September 27**      **LANDFIRE Office Hours**  
10:00 Pacific / 11:00 Mountain / noon Central / 1:00 Eastern  
Kim Ernstrom, Brianna Schueller and Jennifer Anderson will speak on “A Picture Is Worth a Thousand Words: How IFTDSS Is Changing the Look of Fuels Planning,” and LANDFIRE experts will be on hand to provide clarity and context to user questions ([register](#)).
- September 27**  
**new listing**      **Colorado Wildfire Risk Assessment Overview and Technical Discussion**  
noon Pacific / 1:00 Mountain / 2:00 Central / 3:00 Eastern  
This webinar will provide an overview of the 2022 update to the Colorado Wildfire Risk Assessment ([CO-WRA](#)), and allow time for discussion ([register](#)).
- October 25**      **LANDFIRE Office Hours**  
10:00 Pacific / 11:00 Mountain / noon Central / 1:00 Eastern  
Robert Zeil and Jennifer Schmidt will speak on “Wildfire Exposure Assessment for Three Boreal Communities in Alaska,” and LANDFIRE experts will be on hand to provide clarity and context to user questions ([register](#)).

## Network Workshops & Field Tours

- October 23-27**      **Fire Learning Network Workshop / Blackfoot Valley, MT**  
FLN leads from across the country will meet for this annual workshop.
- November 2-4**  
**new listing**      **Indigenous Peoples Burning Network Workshop / Santa Fe, NM**  
IPBN leads from across the country will meet for this annual workshop.

## Prescribed Fire Training Exchanges (TREX) & Cooperative Burning

- October 2-13**  
**deadline**      **Selkirk Prescribed Fire Training Exchange / Loon Lake, WA**  
This TREX is open to those who have firefighting qualifications equivalent to at least NWCG FFT2. See the [announcement](#) for details; applications are due by July 17.
- October 7-22**      **Intercambio y Entrenamiento en Quemadas Prescritas en Español / Hayfork, CA**  
The deadline for this TREX has passed.
- October 8-14**  
**deadline**      **Karuk Indigenous Women+ Training / Karuk ancestral territory (CA)**  
This KWTREX is hosted by and for Indigenous women+ to work toward revitalizing fire cultures and building more just, equitable and beneficial fire management systems. See the [announcement](#) for details; applications are due by July 17.
- October 9-20**  
**deadline**      **Columbia Gorge Prescribed Fire Training Exchange / Glenwood, WA**  
This TREX is open to those with or without NWCG qualifications. See the [announcement](#) for details; applications are due by July 17.
- Oct. 30-Nov. 10**  
**deadline**      **Blue Ridge Prescribed Fire Training Exchange / Pickens, SC**  
Details and application information are at [www.sbertrex.com](http://www.sbertrex.com); apply by July 17.

**November 11-18** **Santa Barbara Prescribed Fire Training Exchange / Santa Ynez Valley, CA**  
**new listing** [Save the date](#) for this TREX. The application period will open in August.

## Trainings, Conferences, Workshops, Etc.

- August 8-10** **Terrestrial LiDAR Scanning Monitoring Workshop / St. Marks, FL**  
**new listing** This workshop is geared to both field collectors and data managers. Field personnel will gain understanding of the laser and software, and best management practices for collection and offloading of fuels data using terrestrial LiDAR scanning equipment. Data managers will learn how to process and manage the data, including use of visuals to aid land managers in decision making. [Nominations](#) are due by **July 14**; preference will be given to those who can bring LiDAR scanners.
- August 29-31** **Northeast–Midwest Regional Prescribed Fire Science and Management Workshop / Madison, WI**  
This workshop sponsored by Northeast Regional Strategy Committee will draw wildland fire partners from a 20-state region. The agenda will include topics ranging from applied research to prescribed fire program needs and opportunities to communication strategies. Registration is open; see the [website](#) for more.
- September 6-7** **Patch Burn Grazing Meeting / Auburn, KS**  
**updated** [Registration](#) is now open; contact Lori Bammerlin ([bammerlin@ksu.edu](mailto:bammerlin@ksu.edu)) for more.
- September 19-21** **SyncroSim 2023 / Fort Collins, CO**  
SyncroSim is a free software platform for running and analyzing geospatial forecasting models. Registration and a call for abstracts are open. See the [website](#) for details.
- November 6-10** **6th National Cohesive Wildland Fire Management Strategy Workshop / Santa Fe, NM**  
Save the date—and watch <http://cohesivestrategyworkshop.org/> for details.
- December 4-8** **10th International Fire Ecology and Management Congress / Monterey, CA**  
Abstracts for proposed poster presentations are due August 25; registration is open. See the [website](#) for details.
- January-May 2024** **National Interagency Prescribed Fire Training Center (NIPFTC) 20-Day Sessions / Tallahassee, FL**  
PFTC Mixed Module and Fire Leadership for Women 20-day sessions are accepting applications through October 15. See the [website](#) for details.

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## Send News, Links & Comments

**Liz Rank** (editor) – [lrank@tnc.org](mailto:lrank@tnc.org) – Liz is out Thursdays.

**Autumn Bjugstad** – [autumn.bjugstad@tnc.org](mailto:autumn.bjugstad@tnc.org) – Autumn is in the office.

**Emily Hohman** – [emily.hohman@tnc.org](mailto:emily.hohman@tnc.org) – Emily is in the office.

**James Miller** – [james.miller@tnc.org](mailto:james.miller@tnc.org) – James is in the office.

**Jeremy Bailey** – [jeremy\\_bailey@tnc.org](mailto:jeremy_bailey@tnc.org) – Jeremy is out July 17.

**Laurel Kays** – [laurel.kays@tnc.org](mailto:laurel.kays@tnc.org) – Laurel is in the office.

**Lemaine Peo** – [lemaine.peo@tnc.org](mailto:lemaine.peo@tnc.org) – Lemaine is in the office.

**Marek Smith** – [marek\\_smith@tnc.org](mailto:marek_smith@tnc.org) – Marek is out July 27-28.

**Mary Huffman** – [mhuffman@tnc.org](mailto:mhuffman@tnc.org) – Mary is in Weitchpec and Hoopa, CA July 17-21; in Minden, NV July 25-29.

**Miranda Flora** – [miranda.flora@tnc.org](mailto:miranda.flora@tnc.org) – Miranda is in the office.

## Links

FLN Networker—an archive of back issues is kept at:

<http://www.conservationgateway.org/ConservationPractices/FireLandscapes/FireLearningNetwork/FLNNetworker/Pages/fln-networker.aspx>

FLN Webinars—Information about upcoming FLN webinars and recordings of previous ones is at:

<http://conservationgateway.org/ConservationPractices/FireLandscapes/FireLearningNetwork/NetworkProducts/Pages/webinars.aspx>

Notes from the Field—an index to all Notes is at:

<http://www.conservationgateway.org/ConservationPractices/FireLandscapes/FireLearningNetwork/USFLNPublications/Pages/Index-FLN-Notes-from-the-Field.aspx>

TREX—The latest application information for upcoming TREX is always listed at:

<http://www.conservationgateway.org/ConservationPractices/FireLandscapes/HabitatProtectionandRestoration/Training/TrainingExchanges/Pages/Upcoming-Training-Exchanges.aspx>

The Fire Learning Network is supported by *Promoting Ecosystem Resilience and Fire Adapted Communities Together: Collaborative Engagement, Collective Action and Co-ownership of Fire*, a cooperative agreement between The Nature Conservancy, USDA Forest Service and agencies of the Department of the Interior.

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# Washington State Department of Natural Resources

## Prescribed Fire Funding: *Request for Proposals*

The DNR's Prescribed Fire Program has posted three requests for proposals (RFP) related to

- 1) Prescribed fire training
- 2) Prescribed fire planning and operations, and
- 3) Prescribed Burn Association support.

All solicitations and relevant information for each request can be found on Washington's Electronic Business Solutions database (WEBS). All future updates and amendments will be shared via WEBS.

If applying, you will need to register and download the solicitation at:

<https://fortress.wa.gov/ga/webs/>. Additional information to find each solicitation is below:

- Customer Reference Number: DNR RFQQ 24-03
- System Assigned Identifier: 50646
- Solicitation Title: **Prescribed Fire Training Events**
- Contact Name: Kate Williams
- Due: August 4th
  
- Customer Reference Number: DNR RFQQ 24-02
- System Assigned Identifier: 50645
- Solicitation Title: **Prescribed Fire Planning and Implementation Support**
- Contact Name: Kate Williams
- Due: August 4th
  
- Customer Reference Number: 23-64
- System Assigned Identifier: 50644
- Solicitation Title: **Prescribed Burn Association Support**
- Contact Name: Kate Williams
- Due: August 18<sup>th</sup>



If you are not on the Washington Prescribed Fire Council mailing list, contact [wa.rxfirecouncil@gmail.com](mailto:wa.rxfirecouncil@gmail.com) to receive updates like this.



# Postdoctoral scholar in communications networks and wildfire adaptation. USDA Forest Service

The USDA Forest Service is hiring a Postdoctoral Scholar to join a project investigating community-level adaptation to wildfire in the American West. The postdoctoral candidate position will work for the USDA Forest Service, Northern Research Station with joint supervision from social scientists in the Evanston, IL and New York, NY locations. The position can be located in either duty station or remote/ full telework.

The postdoctoral scholar will work across several sites in the American West, researching communications about wildfire and associated communication networks for wildfire management in the American West. Focal areas of research include communications among actors about wildlife adaptation and mitigation practices, including examining beliefs and knowledge and how they vary among actors in wildlife communication networks.

We seek a quantitative social scientist or computer scientist with social science expertise, to lead data collection, analysis, scientific writing, and outreach activities. Working as part of the research team, the postdoc will apply big data, social media, and conventional media to rapidly characterize wildfire risk communications for priority landscapes. The postdoc will analyze wildfire risk communications with datasets acquired via AI, including topics (themes), and sentiments of groups, individuals, and communities. The postdoc will also gather social media datasets (e.g., Twitter, Reddit, etc.). Drawing on these big data and social media datasets, the postdoc will pilot web-crawler analysis to elicit organizational-level communication networks from groups' websites. Additionally, this work will triangulate these data with conventional media sources. Overall, this work will analyze communications networks, identify key brokers, and characterize messages that are being transmitted about wildfire risk and mitigation. The postdoctoral researcher will also contribute to broader team efforts to integrate these datasets with information on adaptation and governance.

The postdoc will join a larger team of collaborators from the USDA Forest Service, FilterLabs, Community Wildfire Planning Center, University of Colorado Denver, and Portland State University. Current United States citizenship is required.

Compensation will be between \$69,107 and \$92,279 annually depending on credentials and location. See GS Locality Pay tables here:

[https://www.opm.gov/policy-data-oversight/pay-leave/salaries-wages/2023/general-schedule?trk=public\\_post\\_comment-text](https://www.opm.gov/policy-data-oversight/pay-leave/salaries-wages/2023/general-schedule?trk=public_post_comment-text).

This is a two-year position. The start date is flexible; applicants who can start summer or fall 2023 will be considered.

## Qualifications

### Required

- PhD in relevant field - quantitative social sciences and/or computer science with social science expertise, social-ecological systems scientist, geographer, or social science of natural resource management (by anticipated start date)
- Strong publication record (relative to timing of degree)
- Familiarity with R and/or Python languages
- Experience with natural language processing, text mining, network analysis, social media data analysis
- Experience researching knowledge and communication networks and/or human dimensions of natural resource management

## Preferred

- Interest/knowledge in climate change impacts, fire adaptation fire management, fire ecology, and/or prescribed fire
- Experience with webcrawlers and other AI technology
- Expertise in GIS (e.g., ArcGIS Pro, QGIS, R geospatial packages, python - geopandas, arcpy)
- Familiarity with ShinyApps

If interested, email a CV, cover letter, writing sample, and contact information for 3 references to Dr. Michelle Johnson ([michelle.l.johnson@usda.gov](mailto:michelle.l.johnson@usda.gov)) and Dr. Sonya Sachdeva ([sonya.s.sachdeva@usda.gov](mailto:sonya.s.sachdeva@usda.gov)).

In the cover letter, please detail research experience, fit for the position (including specific methodological skills and experience with each of the other required and preferred qualifications), and career goals following the position.

Review of applications will occur on a rolling basis starting July 1, 2023. The position will remain open until filled. Contact Dr. Michelle Johnson ([michelle.l.johnson@usda.gov](mailto:michelle.l.johnson@usda.gov)) or Dr. Sonya Sachdeva ([sonya.s.sachdeva@usda.gov](mailto:sonya.s.sachdeva@usda.gov)) with questions.

*Members of underrepresented racial or ethnic groups are highly encouraged to apply.*