

# Reviewer Training Webinar



NSF's Pathways to Enable  
Open-Source Ecosystems

PLEASE SUBMIT QUESTIONS VIA THE Q&A FUNCTION IN ZOOM

# Why is this training necessary?

- **POSE proposals are not research proposals!**
- Provide context for your reviews



# POSE Phase I Proposals

- Must be based on a mature open-source product
- Mature open-source product means:
  - publicly accessible, preferably via an open-source license
  - must have external third-party users and/or content contributors

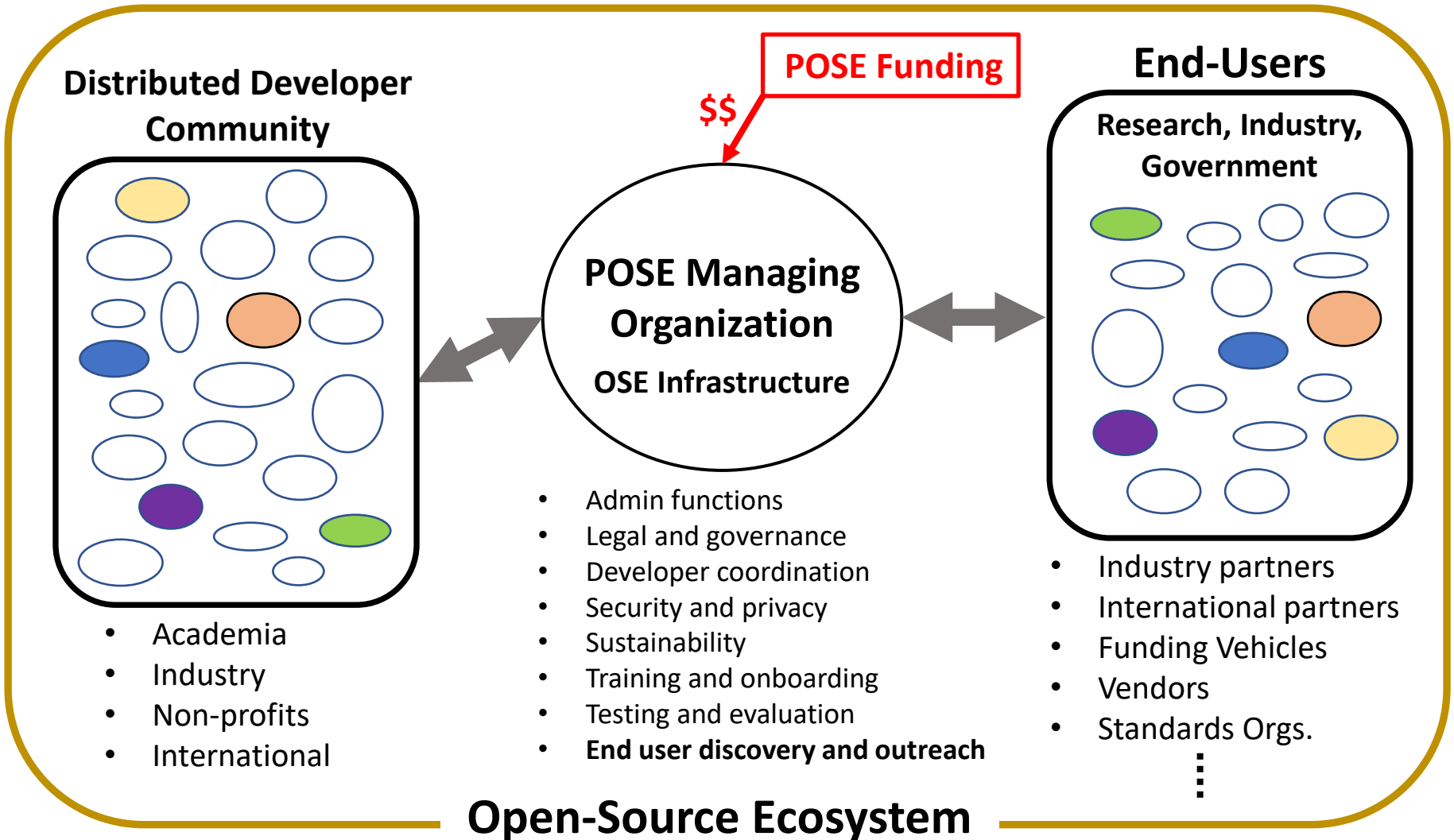


# POSE Vision

To harness the power of distributed open-source development as an engine of innovation to address challenges of national and societal importance



# What is POSE Funding For?



# Distributed Development

- A critical element of a POSE OSE is leveraging ongoing distributed development of the OS product
- Creates an evolutionary process that leads to new use cases
- The ecosystem “finds” the most impactful applications for the OS product
- POSE: Developers should be making an intellectual contribution



# Two types of POSE awards

- Phase I – OSE Scoping Awards
- Phase II – OSE Development Awards
- A Phase I award is not a prerequisite for Phase II
- You will be reviewing Phase I proposals

# POSE Phase I Project

- OSE Scoping project – proposal should address:
  - ecosystem discovery – a plan to understand the end-user ecosystem
  - organization and governance – plan for establishing a sustainable organization
  - community building – strategy to engage contributors who will help develop and maintain the open-source product
- Based on a mature open-source product:
  - publicly accessible preferably via an open-source license
  - have some external third-party users and/or content contributors
- Product should show promise both in the ability to meet an emergent societal or national need and to build a community to help develop it





# POSE Phase I Project

- 7-page project description (excluding Letters of Collaboration and the Data Management Plan)
- Up to \$300K
- Up to 12-month duration



# POSE Phase I Review

## Review Elements

- ✓ Intellectual Merit Section
- ✓ Broader Impact Section
- ✓ Additional Solicitation Specific Criteria Section
- ✓ Summary Section
- ✓ Rating

- **Please do not include a funding recommendation, or comments about funding or not funding a proposal, in your review.**
- **You must submit your reviews by the deadline**

# Review Criteria

## POSE proposals are not research proposals!

### ➤ Intellectual Merit:

- Evaluate novelty of existing open-source product within current technological landscape in the field of study.
- Does the proposal provide convincing evidence that a substantial user base exists, or could be built?
- Are there clear plans for
  - a) discovering the ecosystem within which the OSE will operate?
  - b) establishment of a sustainable organizational structure?
  - c) building a community of contributors?
- Does the team have the required expertise, experience and resources?
- Is the budget appropriate for the proposed activities?



# Review Criteria

## ➤ **Broader Impact Section**

- Is the OSE addressing an issue of significant societal or national importance not currently being addressed?
- Is the OSE the best approach for generating impact?
- Is there a long-term vision for the OSE, including potential partnerships and sustainability?

## ➤ **Additional Solicitation Specific Criteria Section**

- Will NSF support serve as a critical catalyst for the establishment of the OSE?
- Are third-party letters of collaboration convincing?

## ➤ **Summary section**

- Please provide a clear justification that is consistent with your rating

# Security

- Data Management Plan should discuss security – in the context of the OSE
- Team should consider vulnerabilities and worst-case scenarios
- Depending on the nature of the OSE, considerations might include
  - secure and ethical use of sensitive data (privacy, protection of human subjects, etc.)
  - secure software development methodologies
  - policies for patching known security vulnerabilities
  - chain of custody
  - etc.

# Summary & Review Ratings

## Ratings

- **Excellent:** Outstanding proposal in all respects; deserves highest priority for support.
- **Very Good:** High quality proposal in nearly all respects; should be supported if at all possible.
- **Good:** A quality proposal, worthy of support.
- **Fair:** Proposal lacking in one or more critical aspects; key issues need to be addressed.
- **Poor:** Proposal has serious deficiencies.

# Conflicts and Confidentiality

**Before the panel** please be sure to sign and email your COI form to Kathy Park

<kpark@associates.nsf.gov>



# Types of Conflicts of Interest

## INSTITUTIONAL

- *Current/previous employment (12 mo) or seeking employment*
- *Award, honorarium, travel paid (12 mo)*
- *Officer or governing board*
- *Any financial interest*

## PERSONAL

- *Co-author of paper or project collaborator (48 mo)*
- *Co-edited journal/proceedings (24 mo)*
- *Thesis advisor or student (lifetime)*
- *Family member or close friend*

- Your Significant Other's COIs are your COIs
- You **cannot review** any proposal with which you are conflicted
- Please discuss any **actual or perceived COIs with the PO(s)**



# Conflicts of Interest

1. Any involvement (PI, co-PI or senior personnel) in a submission to POSE Phase I competition => can NOT serve as a POSE reviewer
2. A conflict with an institution (even if it is listed as a subawardee) in a proposal => can NOT review that proposal
3. A conflict with institution (family member's employment, paid honorarium, advisory board, etc.) => can NOT review that proposal
4. A conflict with an individual (co-author on paper, project collaborator, advisor/student, family, close friend) => can NOT review that proposal
5. Other conflicts (cannot be impartial wrt the PI, institution, line of research, etc) => can NOT review that proposal

**During the panel: you will leave the room when proposals you are conflicted with are discussed**

# Confidentiality

- Participation in panels is confidential
  - Can say you served in NSF Review Panel 2022
  - Avoid details like program, dates, panel name, etc.
- Proposals contain sensitive information and are not in the public domain
  - Do not copy, distribute, or quote from proposals
  - Do not discuss content of proposals outside the meeting
  - Do not share the proposal with anyone else (no sub-reviewers allowed)
  - Delete all electronic copies, and destroy paper copies after the meeting



# Working in the Fastlane System

[www.fastlane.nsf.gov](http://www.fastlane.nsf.gov)

The screenshot shows the NSF Fastlane website interface. At the top, there is a navigation bar with links: "and Status", "Proposal Review", "Panelist Functions", "Research Administration", and "Financial Functions". Below this is another bar with "wards", "Graduate Research Fellowship Program", and "Postdoctoral Fellowships and Other Programs". The main content area is titled "Panelist Functions" and includes a "Log in for the following permission based functions:" section. A blue arrow points from the "Submit Reviews" annotation to the "Panel Review" link. Another blue arrow points from the "Access other Reviews, enter Panel Summary" annotation to the "Interactive Panel System" link. A third blue arrow points from the "Panel Registration" annotation to the "Panelist Personal Information" link. A "Log In" form is on the right, with a blue bracket and arrow pointing from the "Sent via Email" annotation to the "Panel ID", "Panelist Last Name", and "Password" fields. A "Notice" is at the bottom of the main content area.

and Status | Proposal Review | Panelist Functions | Research Administration | Financial Functions

wards | Graduate Research Fellowship Program | Postdoctoral Fellowships and Other Programs

## Panelist Functions

Log in for the following permission based functions:

**Alert: Computer Scanning Policy - Important Information for NSF Visitors and Panelists.**

- ▶ Panel Review
- ▶ Interactive Panel System
- ▶ Panelist Travel System
- ▶ Panelist Banking System
- ▶ Panelist Personal Information

**Notice:** After you log in, check your Reviewer Information and verify that the e-mail address shown is correct. If you forget your password, we will send your re-set password to this e-mail address. Access to the **Interactive Panel System** requires that JavaScript be enabled on your browser.

### Log In

If you are using a screen reader please check this box to disable the automatic refresh function:

**Panel ID:**

**Panelist Last Name:**   
(Admin. Users: Use your ITAS User ID)  
[Privacy Act](#)

**Password:**   
(Admin. Users: Use your ITAS Password)

[Forgot Password?](#)

Submit Reviews

Access other Reviews, enter Panel Summary

Panel Registration

Sent via Email



# Before the Panel

- Register for the panel as soon as possible
  - Provide bank information for reimbursement
- Review and sign Conflict of Interest form
  - Please let your program officer know about any conflicts
- Read assigned proposals & submit reviews in Fastlane
  - **Make sure the reviews are submitted before the deadline**
  - Use the review template
  - Please make the reviews as constructive as possible

# At the Panel

- Attend the panel virtually on the specified days
  - All reviews should be available for your review through the interactive panel system in Fastlane
  - Zoom details will be sent close to the panel date
- Discussion of proposals
  - One panelist designated as **lead** and will lead the discussion
  - One panelist designated as **scribe** and will write the panel summary according to the template which will be provided
  - All reviewers will be invited to present their opinions
- Panel rating
  - Put each proposal in one of these categories: **Highly Competitive**, **Competitive**, or **Not Competitive**
  - More details provided at the panel

# Thank you!

## Questions?

**PLEASE SUBMIT QUESTIONS VIA THE Q&A FUNCTION IN ZOOM**





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