



CAREER COMPASS

CHALLENGE

Email us at CareerCompassChallenge@nsf.gov



Robyn Rees
Senior Advisor, NSF



Dorothy Aronson
Chief Information Officer, NSF



Chezian Sivagnanam
Chief Enterprise Architect, NSF



Agenda

- Overview
- Evaluation Criteria
- Part 2 Submission Deadline (*and, sneak peak at Judging timeline*)
- How to Submit
- Questions & Answers



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The Challenge

Can we use Artificial Intelligence to help the NSF workforce adapt more easily to future work opportunities?

January 2018





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The Vision



Today

Imagine a Federal workforce that is a model for other governments and for industry.

Imagine a Federal workforce that functions as an agile integrated team within and between Agencies.

Imagine that employees move freely in-and-out of the Federal workforce.

Imagine that you, a Federal employee, have the power to chart the path of your own career, and dedicate time (each day) to both executing your current job functions and building skills needed for your next job.

Imagine that you carry on a continuous conversation with your leadership.

Imagine an app that:

- **knows your skills, strengths and preferences,**
- **recommends possible future careers,**
- **suggests growth paths (class-work, detail opportunities, work experience, advanced degrees, and more...)**

Imagine that. ✖



Future



What we are looking for in Part 2

- Working prototype
- Build upon one of the winning concepts from Part 1, or one of your own
- Make the prototype available for testing by a government panel
- Provide a short narrative describing how your tool addresses the challenge



The Plan for Judging Submissions

Criteria for Evaluation

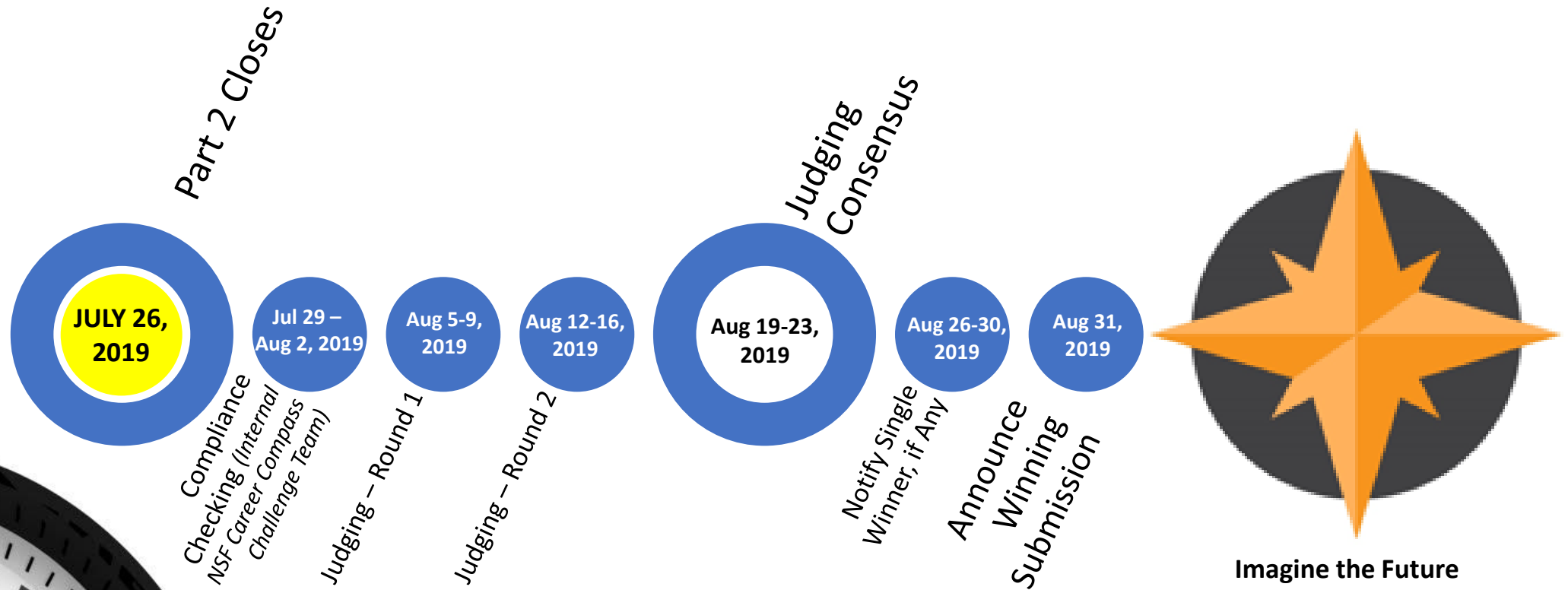
Judges will evaluate a collection of prototypes submitted. Based on the scoring, a single winning submission will be identified. A submission is considered a functional prototype at any stage of maturity (e.g. beta, v1.0, etc.)

Creativity	Clarity of concepts and ideas	Communicating concept in an accessible and exciting way	Performance and Usability
(20%)	(20%)	(20%)	(40%)
<ul style="list-style-type: none">• Extent to which the proposed solution demonstrates uniqueness and innovation• Extent to which the proposed solution demonstrates originality and ability to fill a gap and/or answer a question in a unique manner• Extent to which concept demonstrates use of advanced technologies	<ul style="list-style-type: none">• The prototype is clearly and accurately illustrated through the visual representation of the solution/solution set.• Extent to which the proposed solution indicates why it is an improvement over existing products and/or how it fills a need• Extent to which proposed solution can improve employee engagement with development opportunities	<ul style="list-style-type: none">• Extent to which proposed solution demonstrates the potential value for stakeholders• Extent to which proposed solution demonstrates ability to coordinate with relevant stakeholders, such as academia, industry, Federal systems	<ul style="list-style-type: none">• Demonstrates use of best practices. Prototype leverages user-centric design, in line help, secure technologies, etc.• Extent to which the proposed solution demonstrates how the design elements will attract, engage, and influence users to take intended action• Extent to which the proposed solution provides evidence that it is replicable and scalable; potential for use in other and/or larger settings must be addressed• How well the proposed solution is positioned for use in the marketplace, both in the public and the private sectors• How well the proposed solution demonstrates potential of user acceptance of the product• Extent to which proposed solution demonstrates product functionality; the product should be functional as described in the competition overview• Extent to which proposed solution demonstrates implementation feasibility across intended platforms, sites, and/or users• Extent to which proposed solution indicates potential for sustainability and profitability



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Recent changes to deadline for Part 2 submission



Part 2 deadline has been extended to **July 26, 2019**



How to Submit

- **HOW CAN I ENTER?**

- All entries must be submitted to CareerCompassChallenge@nsf.gov in accordance with the deadlines stated for Part 2 of this competition.
 - Note that solvers need not have participated in Part 1 to participate in Part 2.
- Entries may be submitted by an individual or by a team. Anyone who registers as an individual or team member will automatically give NSF permission to use their name and likeness.



How to Submit

ENTRY GUIDELINES

- For a participant's prototype submission to be eligible to win Part 2 prize money, **the submitter must make the prototype available for live testing and evaluation by the Federal government.** A demonstration of the developed app must be included either via weblink, as a downloadable app from a website, or as a prototype app on a demonstration mobile device. If a login is required, demo accounts with password should be provided which will enable judges to access all parts of the product. If there are different interfaces provided (for example, for differing user personas) separate logins should be provided. **If the team or individual solver opts for submitting the app on a demonstration mobile device, then four such devices must be submitted via mail.** Following judging, all demonstration devices will be returned via mail to the submitter.
- **All entries must be submitted to CareerCompassChallenge@nsf.gov, or postmarked to NSF by 11:59 p.m. ET on July 26, 2019.** If applicable, demonstration devices allowing the government to evaluate the submission must be **postmarked by July 26, 2019** and can be mailed to:

NSF Career Compass Challenge Prize Submissions
C/O Robyn Rees
2415 Eisenhower Avenue
Alexandria, VA 22314

- In no more than 2 pages, submitters may provide a narrative describing how the functional prototype addresses the challenge stated. This short narrative must adhere to one or more of the following formats: Microsoft Word, Microsoft PowerPoint, Adobe PDF, or Visio.
- The narrative may include a link to privately hosted video (such as YouTube, Google Drive, OneDrive or similar), to demonstrate and/or present the functions of the prototype. The total duration of the video cannot exceed 10 minutes.
- The Career Compass Challenge judging team plans to test using [NSF Persona\(s\)](#). These are five mock NSF employee profiles that each contain the person's demographics, his or her individual goals for using your reskilling prototype, and other information about his or her respective environment and background (such as personal interests, etc.). We have made these available to assist you with building your functional prototypes and user stories. **Use of Personas is highly recommended, though not required.** Read the full instructions [here](#).



Questions & Answers

Question: In addition to the personas, is there a place I can get more information on the NSF workforce?

Answer: NSF cannot provide employee data due to privacy concerns. In the absence of that, we recommend reviewing the following resources:

- The NSF [Careers Page](#): This page lists specific job functions (Administration, Executive/Managerial, Science/Engineering, Business Operations, Students and Recent Graduates) along with the requisite skills and experience required at each grade. This may be helpful in mapping potential job flows specific at NSF.
- Job announcements on [USAJobs](#): In each announcement there is a section related to previous education and experience requirements that would be very helpful.
- [O*Net Online](#): There is a section specific to Government including job titles, competencies, requirements and much more.



Questions & Answers

Question: I am working to develop a working prototype for part 2 of this challenge, and wanted to know if there were any entry forms or information that need to be submitted prior to the deadline date?

Answer: There are no entry forms required for submitting. For entry guidelines, please see the rules section of the NSF Career Compass Challenge website [here](#).



Questions & Answers

Question: Must my submission work on both Apple and Android devices?

Answer: There is no requirement for a submission to work on particular operating systems; though, solvers are encouraged to review the evaluation criteria that the judges will use to evaluate submissions.



Questions?

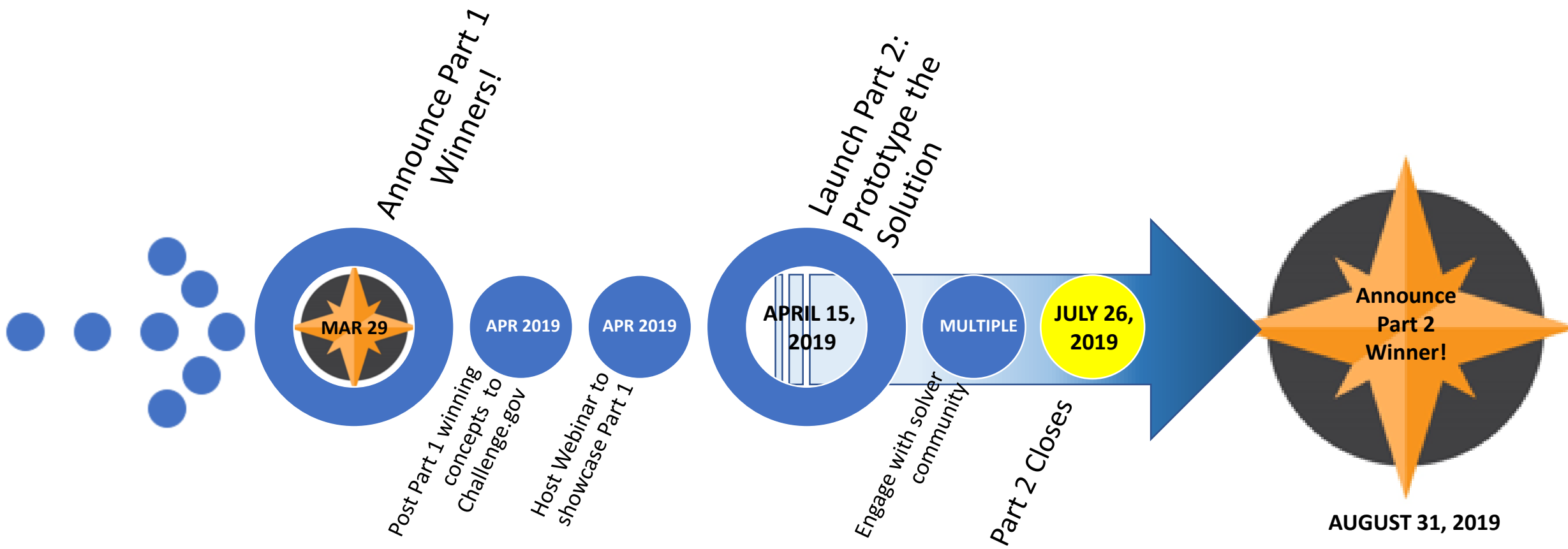
- Email your question or idea to

CareerCompassChallenge@nsf.gov

- Or, send us a social media message using [#NSFCareerCompass](#)



Timeline



Thank You!



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ENTER NOW!

Create a new future for
career growth possibilities.



<https://www.challenge.gov/challenge/nsf-career-compass-challenge/>

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