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**Project Approval & Support Form (PASF)**

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| **Project Title:** | Revealing the heritage and evolution of UW Yoshino Cherries through whole genome sequencing |
| **Primary Contact:** | Adam Steinbrenner, astein10@uw.edu |

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| By signing this form, I confirm that the project lead(s) has/have discussed this project with me, and that I/my department will provide the following types of approval and/or support (*please check all that apply)*:  **APPROVAL**  [ ] Space (within a building) – I / my department approves this project to take place at the building noted in the project proposal.  [] Site (outside a building) – – I / my department approves this project to take place at the outdoor location noted in the project proposal.  [ ] Financial – I / my department will take on the responsibility of future operational costs – staff, training, maintenance & repairs.  **SUPPORT:** These are ongoing commitments of individuals to oversee and provide subject matter advice to help advance proposals. A written letter may be provided on page 2. Please check all that apply:    [ ] Departmental Support – I [ ] Staff/ [ ] Faculty / [ ] Department am willing to provide [ ] resources (please specify below), [ ] space (temporary or permanent), [ ] on-going advising, [ ] one-time financial contributions, and/or [ ] academic program support, etc.  [X ] Subject Matter Experts – Willing to provide guidance regarding standard processes, typical detailing, review of proposals, on-going advising, etc.  [X ] External Consultants – Willing to provide [X ] donated time, [X ] materials, [X ] mentoring, etc (please specify below).  **Other notes *(if applicable)*:** | | |
| **Name/Signature of Approver or Supporter**  Alex Harkess | | **Date:  May 6 2024** |
| **Position Title:** Faculty Investigator | | |
| **Department/Organization:** HudsonAlpha Institute for Biotechnology | | |
| **Phone:** 256-327-0475 | **Email: aharkess@hudsonalpha.org** | |
| **Formal Letter of Support [Optional] / Additional Notes:**  If the proposal by Prof. Steinbrenner, "Revealing the heritage and evolution of UW Yoshino Cherries through whole genome sequencing" is funded by the UW Campus Sustainability Fund, the Harkess lab will provide support as Subject Matter Experts and External Consultants.  The Harkess Laboratory at HudsonAlpha will subsidize all labor regarding optimization of high-molecular weight DNA isolations and quality control, perform RNA isolations and QC. As part of NSF CAREER award #2239530 (https://www.nsf.gov/awardsearch/showAward?AWD\_ID=2239530&HistoricalAwards=false), Harkess developed the ACTG: American Campus Tree Genomes project, where students authentically assemble, annotate, and publish iconic college campus tree genomes. As part of this grant, we will provide access to a dedicated full-time project manager Austin Osmanski who will act as a pseudo-TA for any courses taught (estimated at 40 hours of effort over the life of the project), able to modify existing course material (that we will also provide) to fit the needs of UW and the cherry trees. We estimate the sum of these labor and service costs to be roughly $15,000 of in-kind donation. | | |