

2020

Inspiration Award

Faculty Invention Disclosure

Spruce Sap Extrusion Wax

Inventors:

Wendy Croskrey, William Howard, Dan LaSota,
and Christen Bouffard

- Developed by Prof. Croskrey, University of Alaska Fairbanks (UAF) College of Liberal Arts.
- Locally resourced spruce pitch wax to replace the petroleum-based models for use in molding and casting and to build sustainable products.
- Developed as part of UAF Chancellor's Innovation in Technology and E-learning (CITE) Program as a 2018 - 2019 Fellow.
- Building recipes for wax casting and filament extrusion to enable students to modify local resources for their working practices.



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