

# Characterization of Shark Fin Collagen Fiber for Species Identification

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species, however the p value was 0.423 for the differences

of the shortfin mako and thresher are larger than the blue shark, for they have a body shape that has a slight concavity on their underside, with the concavity increasing with weight.

Analysis also determined that the optimal-distal length of the dorsal fin had no statistical significance when compared to the sex of the animal. Therefore, within the common thresher, blue, and shortfin mako shark, the dorsal fin length does not vary by species. This is contradictory to the previous research studied. In most species of shark, including the three being studied here, females tend to be

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## Biographies

### *Jennifer Corwin*

Jennifer Corwin is originally from Rochester New York and attended Spencerport High School. Jennifer is senior at UNH and is graduating in May 2015 with a double major in Forensic Science and Biology and a double minor in Chemistry and Mathematics. Following graduation, Jennifer plans to have a career in either a forensic or biology laboratory. She plans to continue her studies and attend graduate school in a few years. Jennifer is involved in Alpha Lambda Delta Honor Society and Forensic Science and Chemistry Club.

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