

RACE Seminar Series

February 25, 2014, 10–11 a.m.

Traynor Seminar Room

Bldg 4, Rm 2076



NOAA
FISHERIES

Miriam Doyle

Early Life History Phenology Among Gulf of Alaska Fish Species: Ecological Implications for Recruitment Processes

The timing and duration of fish egg and larval occurrence in Gulf of Alaska (GOA) habitats is variable among species, and a high diversity of phenologies is observed. Furthermore, timing of production may range from single-batch spawning over a short period of time to the production of multiple batches of eggs and an extended temporal supply of larval cohorts in the plankton. This diversity of phenologies represents trade-offs in species' adaptation to seasonal variation in environmental conditions in the GOA. Vulnerability and resilience factors associated with these different phenologies may modulate species' responses to environmental variability.

