

# UNDERGRADUATE RESEARCH OPPORTUNITY

My laboratory provides opportunities for undergraduates to conduct hands-on marine ecology research working with larval fish and zooplankton samples. Our current project is focused on linking larval fishes collected offshore with those sampled over the reef to estimate scales of population connectivity (i.e. demographic linkages between reef fish populations in the Florida Keys and other upstream locations). Students must be meticulous and able to work independently examining and sorting samples under a microscope. Occasional opportunities to participate in field work available depending on experience. Contact Dr. Su Sponaugle at [ssponaugle@rsmas.miami.edu](mailto:ssponaugle@rsmas.miami.edu) or Kristen Walter at [kwalter@rsmas.miami.edu](mailto:kwalter@rsmas.miami.edu).

## Recent selected references:

Pineda, J., J.A. Hare, S. Sponaugle. (2007). Larval dispersal and transport in the coastal ocean and consequences for population connectivity. *Oceanography* 20: 22-39.

D'Alessandro, E., S. Sponaugle, and T.N. Lee. (2007). Patterns and processes of larval fish supply to the coral reefs of the upper Florida Keys. *Mar. Ecol. Prog. Ser.* 331: 85-100.

Sponaugle, S. and K. Grorud-Colvert. (2006). Environmental variability, early life history traits, and survival of new recruits of a coral reef fish. *Integr. Comp. Biol.* 46: 623-633.

Grorud-Colvert, K. and S. Sponaugle. (2006). Influence of condition on behavior and survival potential of a newly settled coral reef fish. *Mar. Ecol. Prog. Ser.* 327: 279-388.

Sponaugle, S., K. Grorud-Colvert, and D. Pinkard. (2006). Temperature-mediated variation in early life history traits and recruitment success of the coral reef fish *Thalassoma bifasciatum* in the Florida Keys. *Mar. Ecol. Prog. Ser.* 308: 1-15.

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