New ABSI interactive figure:
https://marinela.b.fsu.edu/absi/what-we-do/
ABSI is involved in a lot of research projects:

- Community ecology
- Hydrodynamics and larval dispersal
- Habitat suitability
- Intertidal monitoring
- Pesticide impacts on oyster larvae
- Population genetics
- Subtidal monitoring
- Ecophysiology
- Stable isotope tracing
- Parastism and disease
- Population ecology
- Pollution history
- Restoration perceptions
- Stress physiology
- Fishery management strategy
- Bay scallop restoration
- Habitat suitability
- Restoration experiments
- Sediment organic matter
- Hydrodynamics and larval dispersal
- Intertidal monitoring
- Pesticide impacts on oyster larvae
- Population genetics
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- Stable isotope tracing
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- Pollution history
- Restoration perceptions
- Stress physiology
- Fishery management strategy
- Bay scallop restoration
The separate pieces are there – how will they build a house?
Larval supply

Spat settlement

Post-settlement growth, survival and reproduction

Ecological and societal impacts of oysters

The oyster life cycle and its socio-ecological importance
The ABSI Knowledge Network

- Hydronamics and larval dispersal
- Habitat suitability
- Pollution history
- Parasitism and disease
- Stress physiology
- Bay scallop restoration
- Population ecology
- Parasitism and disease
- Intertidal monitoring
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- Ecological and societal impacts of oysters
- Larval supply
- Spat settlement
- Post-settlement growth, survival and reproduction
- Population genetics
- Restoration experiments
- Stable isotope tracing
- Fishery management strategy
- Restoration perceptions
Building the network

• Contact all scientists involved in ABSI research
• Scientists complete poll
  • List their primary area of research
  • How their research connects to oysters
  • Key questions their research addresses

18 broad research areas
>30 scientists
The ABSI Knowledge Network

https://marinelab.fsu.edu/absi/what-we-do/
Hover on large circles to see related research

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Click on small circles (research) to see projects

Project name: Parasitism and disease
Project members: Tara Stewart Merrill, Grace Westphal*
- What are the lethal and sublethal effects of Dermo disease on Apalachicola oysters?
- How will changes in temperature and salinity alter the spread and impacts of disease?
- How will disease-driven reductions in oyster populations, and disease-driven changes to oyster traits like suspension feeding, impact the bay ecosystem?
- Are oysters effective "disease-diluters" by filtering out parasites and pathogens before they can infect other organisms?
- To what extent is disease impeding the recovery of the fishery?

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Make the goals of our research available to the public in a clear, concise way, that highlights how each project connects back to the health of the bay.

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