

Kevin R. Stuart

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EDUCATION

M.S. Aquaculture, Fisheries and Wildlife Biology, Clemson University, Clemson, SC; December 2000

B.A. Biology, Chemistry Minor, University of Delaware, Newark, DE; May 1997

APPOINTMENTS

2009 – Present – Research Scientist, Hubbs-Seaworld Research Institute, San Diego, CA

2003 – 2009 – Research Assistant/Manager – Hubbs-Seaworld Research Institute, San Diego, CA

2000 – 2003 – Biologist I – South Carolina Department of Natural Resources, Charleston, SC

PUBLICATIONS

- Stuart, K.**, & Drawbridge, M., 2025. First controlled out of season spawning for California yellowtail (*Seriola dorsalis*). *Aquaculture Reports*, 42, 102861.
- Chin, L.S., Bradshaw II, D., Wills, P. S., **Stuart, K.**, Drawbridge, M., and Mejri, S. (2025). Timeline of fatty acid incorporation from diet to egg in California yellowtail *Seriola dorsalis*. *Aquaculture*, 594, 741465.
- Stuart, K.R.**, Rotman, F. and Drawbridge, M.A., 2024. Evaluation of a self-cleaning larval rearing tank to improve production of two marine finfish species. *Aquaculture Reports*, 36, p.102069.
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- Miller, J. R., G.P. Salze, **K.R. Stuart**, M.A. Drawbridge, and D.A. Davis. 2023. The effect of dietary carbohydrate to lipid ratios on growth performance in juvenile California yellowtail *Seriola dorsalis*. *Aquaculture*, 563, 738892.
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- Schmidt, E., **K. Stuart**, J. Hyde, C. Purcell, and M. Drawbridge. 2021. Spawning dynamics and egg production characteristics of captive *Seriola dorsalis* assessed using parentage analyses. *Aquaculture Research*.
- Stuart, K.**, C. Silbernagel, and M. Drawbridge. 2021. The status of California halibut, *Paralichthys californicus*, as a technologically feasible species for marine US aquaculture. *Journal of the World Aquaculture Society*.
- Stuart, K.R.**, L. Armbruster, R. Johnson, and M.A. Drawbridge. 2020. Egg diameter as a predictor for egg quality of California yellowtail (*Seriola dorsalis*). *Aquaculture* 522, 735154.
- Hawkyard, M., **K. Stuart**, M. Drawbridge, and C. Langdon. 2019. The early life stages of California yellowtail (*Seriola dorsalis*) and white seabass (*Atractoscion nobilis*) respond to food particle taste. *Aquaculture* 512, 734285.
- Salze, G. P., D. A. Davis, **K. Stuart**, and M. Drawbridge. 2019. Effect of dietary taurine in the performance of broodstock and larvae of California yellowtail *Seriola dorsalis*. *Aquaculture*, 511, 734262.
- Salze, G.P., **K.R. Stuart**, D.O. Jirsa, D.A. Davis, and M.A. Drawbridge. 2018. Quantitative Dietary Taurine Requirement for California Yellowtail, *Seriola lalandi*. *Journal of the World Aquaculture Society*, 49 (1) 113-126.
- Stuart, K.**, R. Johnson, L. Armbruster, and M. Drawbridge. 2018. Arachidonic acid in the diet of captive

- California yellowtail, *Seriola dorsalis* and its effect on egg quality. North American Journal of Aquaculture 80(1), 97-106.
- Stuart, K.**, M. Losordo, P. Olin, and M. Drawbridge. 2018. Optimizing procedures for shipping marine fish eggs using white seabass, *Atractoscion nobilis*, as a model. Aquaculture, 493, pp.229-232.
- Stuart, K.**, M. Hawkyard, F. Barrows, M. Rust, and M. Drawbridge. 2017. Evaluation of dietary taurine concentrations in microparticulate diets provided to larval California yellowtail (*Seriola dorsalis*) post larvae. Aquaculture DOI: 10.1111/anu.12527
- Rotman, F., **K. Stuart**, and M.A. Drawbridge. 2016. Effects of taurine supplementation in live feeds on larval rearing performance of California yellowtail *Seriola lalandi* and white seabass *Atractoscion nobilis*. Aquaculture Research. DOI: 10.1111/are.12964
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- Stuart, K.**, F. Rotman, and M.A. Drawbridge. 2015. Methods of microbial control in marine finfish larval rearing: clay-based turbidity and passive larval transfer. Aquaculture Research DOI: 10.1111/are.12696.
- Stuart, K.R.** 2013. Chapter 2: The effect of light on larval rearing of marine finfish. Pp. 25-40 in J.G. Qin (ed.) Larval Fish Aquaculture. Nova Science Publishers, Hauppauge, NY.
- Stuart, K.**, and M. Drawbridge. 2013. Captive spawning and larval rearing of California yellowtail (*Seriola lalandi*). Aquaculture Research 44(5): 728-737.
- Stuart, K.**, and M. Drawbridge. 2012. The effect of photoperiod on larval culture performance of two marine finfish species. Aquaculture 360-361: 54-57.
- Stuart, K.**, and M. Drawbridge. 2012. Spawning and larval rearing of yellowtail amberjack (*Seriola lalandi*) in Southern California. Bulletin of the Fisheries Research Agency 35: 15-21.
- Stuart, K.**, and M. Drawbridge. 2011. The effect of light intensity and turbidity on survival and growth of cultured larval yellowtail amberjack (*Seriola lalandi*). Aquaculture 321: 152-156.
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- Stuart, K.R.**, M. Keller, and M. Drawbridge. 2010. Efficacy of formalin and povidone-iodine disinfection techniques on the eggs of three marine finfish species. Aquaculture Research 41(11): 838-843.
- Jirsa, D., M. Drawbridge, and K. **Stuart**. 2009. The effect of tank color and light intensity on growth, survival, and stress tolerance of white seabass, *Atractoscion nobilis*, larvae. Journal of World Aquaculture Society 40(5): 702-710.
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- Denson, M.R., K.R. Stuart and T.I.J. Smith., CR Weirich, and AI Segars. 2003. Effects of salinity on growth, survival, and selected hematological parameters of juvenile cobia *Rachycentron canadum*. Journal of World Aquaculture Society 34(4): 496-504.
- Watanabe, W.O., T.I.J. Smith, D.L. Berlinsky, C.A. Woolridge, K.R. **Stuart**, K.A. Copeland, and M.R. Denson. 2003. Volitional spawning of black sea bass *Centropomus striata* induced with pelleted luteinizing hormone releasing hormone-analogue. Journal of World Aquaculture Society 34(3): 319-331.
- Stuart, K.R.**, and T.I.J. Smith. 2003. Development of nursery systems for black sea bass (*Centropomus striata*). Journal of World Aquaculture Society 34(3): 359-367.