

CURRICULUM VITAE

Dr. Larry G. Allen

Title: Chair and Professor of Biology
Director, Nearshore Marine Fish Research Program

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Date of Birth: 17 January 1951, (Compton, California, USA)

Degrees: **January 1974, Bachelor of Arts--Biology**
California State University, Fullerton
May 1976, Master of Arts--Biology
California State University, Fullerton
January 1980, Doctor of Philosophy--Biology
University of Southern California

TEACHING AND EMPLOYMENT EXPERIENCE

2008 - 2012 Southern California Marine Institute, Terminal Island, CA - Director
1982 - California State University, Northridge, Lecturer and Assistant Professor; Ichthyology, Human Physiology, Seminars in Marine Biology, Ecology and Behavior of Marine Fishes, Introductory Biology, Advanced Ichthyology; Life in the Sea; Ecology of Marine Fishes; Population Biology, Principles of Biology, Vertebrate Biology, Biology of Pelagic Organisms. Director, Nearshore Marine Fish Research Program, 1983 – present. Tenure granted Fall 1986; Associate Professor 1986-1991; Full Professor, Fall 1991 - present. Chair of Biology 2005 – 2008; 2012 – present.

1981-1982 Marine Science Institute, University of California, Santa Barbara, Assistant Research Biologist

1980-1981 California State University, Fullerton, Research Associate

1979-1980 Southern California Ocean Studies Consortium, Research Assistant, Cabrillo Beach Environmental Impact Study, Status of Fish Populations; contract from Port of Los Angeles

1978-1979 California State University, Fullerton, Research Assistant, California Department of Fish and Game Contract, Fish Populations of Upper Newport Bay, California

HONORS AND AWARDS

- 1984 Exceptional Merit and Service Award (CSUN)
 1986, 1988 Meritorious Performance and Professional Promise Award -
 & 1990 School of Science & Math
 1991 Sigma Xi, 1991 Levefre Award for Distinguished Research, CSUN.
 1997 University Distinguished Teaching Award (CSUN).

RESEARCH INTERESTS

Life history, reproductive strategies, population genetics, dispersal, and recruitment of coastal marine fishes including California halibut, white seabass, croakers and sea basses.
 Population ecology and community structure of coastal marine fishes.
 Biogeography of coastal marine and bay fishes.
 Intertidal (and tidepool) fish communities.
 Development and systematics of clingfishes and relatives (Gobiesociformes).

RESEARCH GRANTS/CONTRACTS

- 1984 Grant in amount of \$9,370 from the Marine Review Committee of the California Coastal Zone Commission to study the distribution of young-of-the-year California halibut in the areas of Alamitos Bay and San Onofre-Oceanside.
 1985 Grant in amount of \$14,860 from Southern California Edison Co. to study the distribution and recruitment of young-of-the-year California halibut in the Alamitos Bay area.
 1986 Contract in amount of \$29,819 from the National Marine Fisheries Service, 1987 NOAA (No. WASC-85-00216) to monitor the fish populations in the newly restored portion of upper Newport Bay, California.
 1987 Grants in the amount of \$7,500 from the Los Angeles County Fish and Game Commission and \$7,500 from Southern California Edison Co. for "A study of the distribution and recruitment of two species of important sport and commercial fishes (white seabass and California halibut) in the vicinity of Long Beach Harbor, California."
 1988-89 Contract in the amount of \$268,816 from the California Department of Fish and Game's OREHP Program for "A trawling survey to determine the distribution of young-of-the-year white seabass from Pt. Conception to San Onofre, California".
 1990-92 Contract with Southern California Edison in the amount of \$83,430 for "A trawling survey to determine the settlement distribution patterns of young-of-the-year California halibut along the southern California coastline with emphasis on Santa Monica Bay".
 1990-94 Contract with California Department of Fish and Game in the amount of \$460,000 for "Bay, Estuary, and Nearshore Ecosystem Studies (BENES)- Studies on the life history and ecology of eight species of nearshore fish of recreational and commercial importance".

- 1994-99 Contract with the Department of the Navy in the amount of \$500,000 for "Fisheries utilization of the shallow water habitats in San Diego Bay, California".
- 1995-2008 Contract with the Ocean Resource Enhancement and Hatchery Program (OREHP) of the California Department of Fish and Game in the amount of \$1,584,000 for "A field sampling program to determine the distribution of juvenile white seabass (*Atractoscion nobilis*) in southern California".
- 1998-03 Contract with the Department of the Navy in the amount of \$60,000 for "Monitoring of eelgrass mitigation reefs in San Diego Bay, California".
- 2001-06 Contract with the Port of Los Angeles in the amount of \$130,613 for "Monitoring of Pier 400 mitigation reefs off Los Angeles Harbor, California".
- 2002 Contract with the Port of Los Angeles in the amount of \$7,975 for "Age analysis using otoliths for toxicology studies in San Diego Bay, California".
- 2007-08 Contract with the California Coastal Commission in the amount of \$10,158 for "SONGS Mitigation Monitoring Program (2007-08)".
- 2006-07 Contract with California Department of Fish and Game in the amount of \$49,913 for "Effective Sampling Methods for Rip-Rap Habitats".
- 2008-09 Contract with the California Coastal Commission in the amount of \$175,670 for "SONGS Mitigation Monitoring Program (2008-09)".
- 2010 Grant from USC Sea Grant in the amount of \$23,142 for "The impact of intense recreational fishing pressure on spawning aggregations of barred sand bass (*Paralabrax nebulifer*) off the Los Angeles metropolitan area".
- 2012 Grant from UC Sea Grant in the amount of \$10,000 for "A fisheries independent assessment of spawning biomass of barred sand bass (*Paralabrax nebulifer*) on the major spawning aggregation off Southern California".

PUBLICATIONS (peer-reviewed journals)

- Crane, J.M., **L.G. Allen** and C. Eisemann 1975. Growth rate, distribution and population density of the northern quahog, *Mercenaria mercenaria*, in Long Beach, California. California Fish and Game, 61(1): 68-85.
- Allen, L.G.** and M.H. Horn 1975. Abundance, diversity and seasonality of fishes in Colorado Lagoon, Alamitos Bay, California. Estuarine and Coastal Marine Science 3(3): 371-380.
- Allen, L.G.** 1976. Additions to the list of fish species known from Alamitos Bay, California, based on studies in Colorado Lagoon. California Fish and Game, 62(4): 310-314.
- Horn, M.H. and **L.G. Allen** 1976. Numbers of species and faunal resemblance of marine fishes in California bays and estuaries. Bull. So. Calif. Acad. Sci. 75(2): 159-170.
- Horn, M.H. and **L.G. Allen** 1978. A distributional analysis of California Coastal marine fishes. J. of Biogeography 5, 23-42.
- Allen, L.G.** 1979. Larval development of *Gobiesox rhessodon* (Gobiesocidae) with notes on the larva of *Rimicola muscarum*. U.S. Fish. Bull. 77(1) 300-304.
- Allen, L.G.** 1982. Seasonal abundance, composition and productivity of the littoral fish assemblage of Upper Newport Bay, California. U.S. Fish. Bull. 80(4), 769-790.
- Allen, L.G.** and J. Ilg 1983. Larval development of the northern clingfish (*Gobiesox maeandricus*). Copeia, 2, 551-554.

- Allen, L.G.** and E.E. DeMartini 1983. Temporal and spatial patterns of nearshore distribution and abundance of the pelagic fishes off San Onofre-Oceanside, California. U.S. Fish. Bull. 81(3): 569-586.
- Allen, L.G.,** M.H. Horn, F.A. Edmonds II and C. Usui. 1983. Structure and seasonal dynamics of the fish assemblage in the Cabrillo Beach area of the Los Angeles Harbor, California. Bull. So. Calif. Acad. Sci. 82(2), 47-70.
- DeMartini, E.E. and **Allen, L.G.** and 1984. Diel variation in catch parameters for fishes sampled by a 7.6m otter trawl in southern California coastal waters. CalCOFI Rep. Vol. 25: 119-134.
- Horn, M.H., **L.G. Allen** and F.D. Hagner 1984. Ecological status of striped bass, *Morone saxatilis*, in upper Newport Bay, California. Calif. Fish Game 70(3): 180-182.
- DeMartini, E.E., **L.G. Allen**, R.K. Fountain and D.A. Roberts 1984. Diel and Depth variations in the sex-specific abundance, size-composition, and food habits of queenfish (*Seriphus politus*). U.S. Fish. Bull. 83(2): 171-185.
- Allen, L.G.** 1985. A habitat analysis of the nearshore marine fishes from southern California. Bull. So. Calif. Acad. Sci. 84 (3):133-155.
- Allen, L.G.** 1988. Recruitment, distribution, and feeding habits of young-of-the-year California halibut (*Paralichthys californicus*) in the vicinity of Alamitos Bay-Long Beach Harbor, 1983-1985. Bull. So. Calif. Acad. Sci. 87(1): 19-30.
- Allen, L.G.** and M.P. Franklin 1988. Distribution and abundance of young-of-the-year white seabass (*Atractoscion nobilis*) in the vicinity of Long Beach Harbor, California, 1984-1987. Calif. Dept. Fish Game 74(4): 245-248.
- Allen, L.G.,** R.N. Jensen and J. Sears 1990. Open coast settlement and distribution of young-of-the-year California halibut (*Paralichthys californicus*) along the southern California shoreline between Pt. Conception and San Mateo Pt., June-October, 1988. In: The California Halibut, *Paralichthys californicus*, Resource and Fisheries, Calif. Dept. Fish Game, Fish. Bull.174, 145-152.
- Allen, L.G.,** L. S. Bouvier and R. E. Jensen 1992. Abundance, diversity and seasonality of cryptic fishes and their contribution to a temperate reef fish assemblage off Santa Catalina Island, California. Bull. So. Calif. Acad. Sci. 91(2): 55-69.
- Allen, L.G.** and M.P. Franklin 1992. Abundance, distribution, and settlement of young-of-the-year white seabass, *Atractoscion nobilis*, in the Southern California Bight, 1988-1989. U.S. Fish. Bull., 90: 633-641.
- Allen, L.G.,** T. Hovey, M. Love, and T. Smith 1995. The life history of the spotted sand bass (*Paralabrax maculatofasciatus*) within the Southern California Bight. CalCOFI Reports 36: 193-203.
- Cordes, J.F. and **L.G. Allen** 1997. Estimates of age, growth, and settlement from otoliths of young-of-the-year kelp bass (*Paralabrax clathratus*). Bull. So. Cal. Acad. Sci. 96(2): 43-60.
- Tranah G.J. and **L.G. Allen** 1999. Morphologic and genetic variation among six populations of the spotted sand bass, *Paralabrax maculatofasciatus*, from Southern California to the upper Sea of Cortez. Bull. So. Calif. Acad. Sci. 98(3): 103-118.
- Pondella, D. J., II, and **L. G. Allen** 1999. The Nearshore Fish Assemblage of Santa Catalina Island. The Proceedings of the Fifth California Islands Symposium, Mineral Management Service and Santa Barbara Museum of Natural History. pp. 394-400.

- Hovey, T.M. and **L.G. Allen** 2000. Reproductive patterns of six populations of the spotted sand bass, *Paralabrax maculatofasciatus*, from Southern and Baja California. *Copeia*, 2000(2): 459-468.
- Pondella, D.J., II, **L.G. Allen**, J.A. Rosales Casian, and T.E. Hovey 2001. Demographic parameters of golden spotted rock bass, *Paralabrax auroguttatus*, from the northern Gulf of California. *Trans. Am. Fish. Soc.*, 130: 686-691.
- Findlay, A.M. and **L.G. Allen** 2002. Settlement patterns of a temperate reef fish, the kelp bass (*Paralabrax clathratus*), at Santa Catalina Island, CA. *Mar. Ecol. Prog. Ser.*, 238: 237-248.
- Allen, L.G.**, A.M. Findlay, and C.M. Phalen 2002. The fish assemblages of San Diego Bay in the five-year period of July 1994 to April 1999. *Bull. So. Cal Acad. Sci.*, 101(2): 49-85.
- Hovey, C. B., L. G. Allen, and T. E. Hovey 2002. The reproductive pattern of barred sand bass (*Paralabrax nebulifer*) from southern California. *CalCOFI Reps.* 43: 174-181.
- Pondella, D.J. II, B.E. Gintert, J.R. Cobb and **L.G. Allen** 2004. Biogeography of the nearshore rocky-reef fishes at the southern and Baja California islands. *J. Biogeogr.* 31: 1-15.
- Erismann, B. and **L.G. Allen** 2005a. Color patterns and associated behaviors in the kelp bass, *Paralabrax clathratus* (Teleostei: Serranidae). *Bull. So. Calif. Acad. Sci.* 104(2): 45-62.
- Erismann, B. and **L.G. Allen** 2005b. Reproductive behavior of a temperate serranid fish, *Paralabrax clathratus* (Girard) from Santa Catalina Island, California, U.S.A.. *J. Fish Biol.* 68: 157-184.
- Froeschke, J.T., **L.G. Allen** and D.J. Pondella II 2005. Fish assemblages of the Los Angeles Federal Breakwater, 2002-2003. *Bull. So. Calif. Acad. Sci.* 104(2): 63-74.
- Pondella, D.J. II, **L.G. Allen**, M.T. Craig, and B. Gintert 2006. Evaluation of eelgrass mitigation and fishery enhancement structures in San Diego Bay, California. *Bull. Mar. Sci.* 78(1): 115-131.
- Miller, E.F. and **L.G. Allen** 2006. Observations on the mating behavior of captive spotted sand bass (*Paralabrax maculatofasciatus*). *Bull. So. Calif. Acad. Sci.* 105(1): 17-29.
- Froeschke, J.T., **L.G. Allen** and D.J. Pondella II 2006. The fish assemblages inside and outside of a marine reserve at Santa Catalina Island, California. *Bull. So. Calif. Acad. Sci.* 105(3): 128-142.
- Miller, E.F. and **L.G. Allen** 2006. Captive breeding of spotted sand bass (*Paralabrax maculatofasciatus*) in southern California. *Calif. Dep. Fish Game* 92(2): 98-105.
- Bottinelli, D.J. and **L.G. Allen** 2007. A re-evaluation of age, growth, and fecundity in the California barracuda (*Sphyraena argentea*) from southern California based on specimens taken from 2000 to 2002. *Calif. Dep. Fish Game* 93(4):167-199.
- Froeschke, B., **L.G. Allen**, and D.J. Pondella II 2007. Life history and courtship behavior of black perch (*Embiotoca jacksoni*, Teleostomi: Embiotocidae) from southern California. *Pacific Science*. *Pacific Science* 61(4): 521-531.
- Williams, J.P., **L.G. Allen**, M.A. Steele, and D.J. Pondella II 2007. El Niño/Southern Oscillation events increase growth of juvenile white seabass (*Atractoscion nobilis*) in the Southern California Bight. *Marine Biology*, 152:193-200.
- Allen, L.G.**, D.J. Pondella, and M.A. Shane 2007. Fisheries independent assessment of a returning fishery: abundance of juvenile white seabass (*Atractoscion nobilis*) in the shallow nearshore waters of the Southern California Bight, 1995-2005. *Fisheries Research* 88: 24-32.

- Pondella, D.J. II and **L.G. Allen**. 2008. The decline and recovery of four predatory fishes from the Southern California Bight. *Marine Biology*. 154:307–313.
- Adreani, M. and **L.G. Allen** 2008. Mating system and reproductive biology of the temperate wrasse, *Halichoeres semicinctus*. *Copeia* 2: 466-474.
- Miller, E.F., D.J. Pondella II, **L.G. Allen**, and K.T. Herbinson 2008. The life history and ecology of black croaker, *Cheilotrema saturnum*. *CalCOFI Rep.* 49: 191-201.
- Chabot, C. and **L.G. Allen** 2009. Global population structure of the tope (*Galeorhinus galeus*) inferred by mitochondrial control region sequence data. *Molecular Ecology* 18, 545–552.
- Bredvik, J.J., C. Boerger, and **L.G. Allen** 2011. Age and growth of two herbivorous, kelp forest fishes, the opaleye (*Girella nigricans*) and halfmoon (*Medialuna californiensis*). *Bull. So. Calif. Acad. Sci.*, 110(1): 25–34.
- Erisman, B.E., **L.G. Allen**, J.T. Claisse, D.J. Pondella II, E.F. Miller, and J. Murray 2011. The illusion of plenty: hyperstability masks collapses in fisheries that target fish spawning aggregations. *Canadian Journal of Fisheries and Aquatic Sciences*. e-First Article : pp. 1705-1716 (doi: 10.1139/f2011-090).
- Craig, M.T., F.J. Fodrie, **L.G. Allen**, R.J. Toonen, L.A. Chartier, and R.A. Toonen 2011. Discordant phylogeographic and biogeographic breaks in California halibut. *Bull. So. Calif. Acad. Sci.* 110(3): 141–151.
- Williams, J.P., D.J. Pondella II, B. Haggin, and **L.G. Allen**. 2011. New record of Pacific sierra (*Scomberomorus sierra*) with notes on previous California records. *California Fish and Game* 97(1):43-46.
- Allen, L.G.** and A.H. Andrews. 2012. Bomb radiocarbon dating and estimated longevity of Giant Sea Bass (*Stereolepis gigas*). *Bull So. Calif Acad. Sci.* 111(1): 1–14.
- Allen, L.G.** and H.E. Block 2012. Planktonic larval duration, settlement, and growth rates of the young-of-the-year of two sand basses (*Paralabrax nebulifer* and *P. maculatofasciatus*: fam. Serranidae) from Southern California. *Bull So. Calif Acad. Sci.* 111(1): 15–21.
- Gherard, K.E, B.E. Erisman, O. Aburto-Oropeza, K. Rowell and **L.G. Allen**. 2013. Fishery-dependent estimates of growth, development, and reproduction in Gulf Corvina *Cynoscion othonopterus*. *Bull. So. Calif. Acad. Sci.* 112(1), 2013, pp. 1–18.

PUBLICATIONS: books, chapters, and technical reports

- Horn, M.H. and **L.G. Allen** 1981. Ecology of fishes in Upper Newport Bay, California: seasonal dynamics and community structure. *Calif. Dept. Fish Game, Mar. Res. Tech. Rep. No. 45*, 102 pp.
- Allen, L.G.** 1984. Gobiesociformes: development and relationships. In: *Ontogeny and Systematics of Fishes*, Memorial Symposium dedicated to E.H. Ahlstrom, ASIH Special Pub., No. 1: 629-636.
- Horn, M.H. and **L.G. Allen**, 1987. Fish community ecology in southern California bays and estuaries. In: *Fish Community Ecology in Estuaries and Coastal Lagoons – Towards an Ecosystem Integration*. A. Yanez - Arancibia, Ed., Published by Universidad Nacional Autonoma de Mexico.
- Cross, J.N. and **L.G. Allen** 1993. Fishes. Chapter 9, In: Dailey, Reish and Anderson (eds), "Ecology of the Southern California Bight". University of California Press. Berkeley, 926 pp.

- Allen, L.G.** and T.E. Hovey 2001. Kelp Bass. *In: Leet, W.S., C.M. Dewees, R. Klingbeil, E.J Larson (eds). California's Living Marine Resources: A Status Report. Calif. Dept Fish Game, U. C. Agri. Nat. Res. Pub. SG01-11, 592 pp.*
- Allen, L.G.** and T.E. Hovey 2001. Barred Sand Bass. *In: Leet, W.S., C.M. Dewees, R. Klingbeil, E.J Larson (eds). California's Living Marine Resources: A Status Report. Calif. Dept Fish Game, U. C. Agri. Nat. Res. Pub. SG01-11, 592 pp.*
- Hovey, T.E. and **L.G. Allen** 2001. Spotted Sand Bass. *In: Leet, W.S., C.M. Dewees, R. Klingbeil, E.J Larson (eds). California's Living Marine Resources: A Status Report. Calif. Dept Fish Game, U. C. Agri. Nat. Res. Pub. SG01-11, 592 pp.*
- Allen, L.G.,** D.J. Pondella II, and M.H. Horn (eds) 2006. *The Ecology of Marine Fishes: California and Adjacent Waters.* U.C Press, Berkeley, 660 pp.
- Horn, M.H., **L.G. Allen**, and R.N. Lea 2006. Biogeography: Chapter 1, p. 3-25, *In: L.G. Allen, D.J. Pondella, and M. H. Horn (eds.).The Ecology of Marine Fishes: California and Adjacent Waters, University of California Press, Berkeley, 670 pp.*
- Allen, L.G.** and D.J. Pondella II 2006. Ecological Classification: Chapter 4, p. 81-113, *In: L.G. Allen, D.J. Pondella, and M. H. Horn (eds.).The Ecology of Marine Fishes: California and Adjacent Waters, University of California Press, Berkeley, 670 pp.*
- Allen, L.G.,** M.M. Yoklavich, G.M. Cailliet, and M.H. Horn 2006. Bays and Estuaries: Chapter 5, p. 119-148, *In: L.G. Allen, D.J. Pondella, and M. H. Horn (eds.).The Ecology of Marine Fishes: California and Adjacent Waters, University of California Press, Berkeley, 670 pp.*
- Allen, L.G.** and D.J. Pondella II 2006. Surf Zone, Coastal Pelagic Zone, and Harbors: Chapter 6, p. 149-166, *In: L.G. Allen, D.J. Pondella, and M. H. Horn (eds.).The Ecology of Marine Fishes: California and Adjacent Waters, University of California Press, Berkeley, 670 pp.*
- Allen, L.G.** and J.N. Cross 2006. Surface Waters: Chapter 12, p. 320-341, *In: L.G. Allen, D.J. Pondella, and M. H. Horn (eds.).The Ecology of Marine Fishes: California and Adjacent Waters, University of California Press, Berkeley, 670 pp.*
- Horn, M. H. and **L. G. Allen** 2007. Fishes, pp. 232-237. *In: Encyclopedia of Tidepools and Rocky Shores (M. W. Denny and S. D. Gaines, eds.). University of California Press, Berkeley.*

PAPERS PRESENTED AT SCIENTIFIC MEETINGS

- 1975 Abundance, diversity and seasonality of fishes in Colorado Lagoon, Alamitos Bay, California. Annual Meeting, Southern California Academy of Sciences (SCAS), University of Southern California, Los Angeles.
- 1975 Zoogeographical analysis of California Coastal fishes with reference to distributions of the recent past. Thirteenth Pacific Science Congress, Vancouver, British Columbia (with M.H. Horn, K.C. Riegle and W.S. White).
- 1976 Abundance, diversity, seasonality and community structure of the fish populations of Newport Bay, California. Annual Meeting, SCAS, Santa Barbara, California.
- 1976 Numbers of species and faunal resemblance of marine fishes in California bays and estuaries. Annual Meeting. American Society of Ichthyologists and Herpetologists (ASIH), Fairbanks, Alaska (with M.H. Horn).

- 1977 A distributional analysis of California coastal fishes. Annual Meeting, SCAS, Pomona, California (with M.H. Horn).
- 1977 Ichthyofauna of Newport Bay, California: Part I, adult and juvenile populations. Annual Meeting, ASIH, University of Florida, Gainesville, Florida.
- 1978 A distributional analysis of California Coastal fishes. International Symposium on Marine Biogeography and Evolution in the southern hemisphere, Auckland, New Zealand. (with M.H. Horn).
- 1978 Comparison of methods for sampling nearshore estuarine fish populations. Annual Meeting, Western Society of Naturalists (WSN), University of Puget Sound, Tacoma, Washington (with M.H. Horn and K. L. Heath).
- 1979 Abundance, diversity and resilience of the fish populations inhabiting a tidepool near San Simeon, California. Annual Meeting, Southern California Academy of Sciences, California State University, Northridge (with M. H. Horn, K. L. Heath).
- 1979 Structure and productivity of the littoral fish assemblage of Upper Newport Bay, California. Annual Meeting, American Society of Ichthyologists and Herpetologists, University of Maine at Orono.
- 1979 Trophic structure, productivity and regulating mechanisms in the littoral fish assemblage of Upper Newport Bay, California. Annual Meeting, Western Society of Naturalists, California State Polytechnic University, Pomona, California.
- 1980 Ecological status of striped bass (*Morone saxatilis*) in Upper Newport Bay, California, in 1978. Annual Meeting, SCAS, Long Beach, California (with M.H. Horn and F.D. Hagner).
- 1980 Abundance, diversity and resilience of fish populations inhabiting central California tidepools: a two year assessment. Annual Meeting, American Society of Ichthyologists and Herpetologists, Texas Christian University, Fort Worth, Texas (with M. H. Horn).
- 1981 Structure and seasonal dynamics of the fish assemblage in an artificial harbor environment - the Cabrillo Beach area of Los Angeles Harbor, California Annual Meeting, American Society of Ichthyologists and Herpetologists, Oregon State University, Corvallis, Oregon (with M. Horn, F. Edmands, and C. Usui).
- 1981 Structure of the nearshore, midwater fish assemblage near San Onofre-Oceanside, California based on lampara net sampling. Annual Meeting, Western Society of Naturalists, Santa Barbara Museum, Santa Barbara, California (with E. E. DeMartini).
- 1982 A habitat analysis of southern California coastal marine fishes. Annual Meeting, Southern California Academy of Sciences, California State University, Dominguez Hills, California and American Society of Ichthyologists and Herpetologists, Florida State University, Tallahassee, Florida.
- 1983 Ontogeny and systematics of Gobiesociformes. Ahlstrom Memorial Symposium, University of California, San Diego, California.
- 1985 Recruitment, distribution and diet of young-of-the-year California halibut in the vicinity of Alamitos Bay-Long Beach Harbor, California, 1983-1985. Annual meeting, Western Society of Naturalists, Monterey, California.
- 1987 How important are cryptic fishes to nearshore rocky reef fish communities in Southern California? Annual Meeting, Southern California Academy of Sciences, CSU, Los Angeles.
- 1988 Distribution and abundance of young-of-the-year white seabass (*Atractoscion*

- nobilis*) in the vicinity of Long Beach Harbor, California, 1984-1987. VII International Symposium of Marine Biology. June 1988 in La Paz, Mexico.
- 1989 Open coast settlement and distribution of young-of-the-year California halibut along the southern California shoreline. Symposium on "The Biology of the California Halibut". Calif. Dept. Fish Game, San Pedro, California May 1989.
- 1989 Recruitment of young-of-the-year white seabass (*Atractoscion nobilis*) along the Southern California coast from Pt. Conception to San Mateo Pt. in 1988. Annual Meeting, American Society of Ichthyologists and Herpetologists, San Francisco State University, June 1989.
- 1990 Distribution and abundance of young-of-the-year white seabass (*Atractoscion nobilis*) along the southern California shoreline between Pt. Conception and San Mateo Pt. in 1989. VIII International Symposium of Marine Biology. June 1990 in Ensenada, Mexico and Annual Meetings, American Society of Ichthyologists and Herpetologists, June 1990, Charleston, South Carolina.
- 1991 Abundance, distribution, and settlement of young-of-the-year white seabass, *Atractoscion nobilis*, in the Southern California Bight, 1988-1989 (with M. P. Franklin). Annual Meetings, American Society of Ichthyologists and Herpetologists, June 1991, New York, New York.
- 1993 The life history of the spotted sand bass (*Paralabrax maculatofasciatus*) within the Southern California Bight. (with T. Hovey, M. Love, and T. Smith). Annual Meetings, American Society of Ichthyologists and Herpetologists, June 1993, University of Texas, Austin, Texas
- 1994 An investigation into the genetic population structure and larval dispersal patterns of the kelp bass, *Paralabrax clathratus*. (with T. Grothues and K. Jones), Annual Meetings, American Society of Ichthyologists and Herpetologists, June 1994, University of Southern California, Los Angeles, California.
- 1995 An investigation of the reproductive strategies of the spotted sand bass (*Paralabrax maculatofasciatus*) populations from throughout their natural range. (with Tim Hovey) Annual Meetings, American Society of Ichthyologists and Herpetologists, June 1995. University of Alberta, Edmonton, Alberta, Canada.
- 1996 A field sampling program to determine the distribution of juvenile white seabass (*Atractoscion nobilis*) in southern California. Annual Meeting of the California-Nevada Chapter of the American Fisheries Society, April 1996.
- 1998 The fish assemblages of San Diego Bay in the three-year period of July 1994 to April 1997. Annual Meetings, American Society of Ichthyologists and Herpetologists, July 1998. University of Guelph, Guelph, Ontario, Canada. *and* Annual Meetings, Western Society of Naturalists, December 1998, San Diego, CA.
- 1999 The Nearshore Fish Assemblage of Santa Catalina Island. with D.J. Pondella, II Annual Meetings, American Society of Ichthyologists and Herpetologists, July 1999. Pennsylvania State University, State College, PA.
- 2000 Warships, eelgrass and fishes: the San Diego Bay connection, 1994-1999. Annual Meetings, American Society of Ichthyologists and Herpetologists, July 2000. Universidad Autonoma de Baja California Sur, La Paz, Baja California Sur, Mexico.
- 2003 Documenting the return of a fishery? Distribution and abundance of juvenile white seabass (*Atractoscion nobilis*) in the shallow nearshore waters of the Southern California

- Bight, 1995-2002. Annual Meeting, SCAS, CSU Northridge, California (with D. J. Pondella II, M. Shane, and R.F. Ford).
- 2003 An ecological classification of California marine fishes. “Ecology of California Marine Fishes” Symposium (L.G. Allen, organizer), Annual Meetings, Western Society of Naturalists, Long Beach, California (with D. J. Pondella II).
- 2004 Documenting the return of a fishery? Distribution and abundance of juvenile white seabass (*Atractoscion nobilis*) in the shallow nearshore waters of the Southern California Bight, 1995-2004. Annual Meetings, ASIH, U Oklahoma & WSN, CSU Sonoma, California (with D. J. Pondella II, M. Shane, and R.F. Ford).
- 2007 Evidence for the return of a fishery: distribution and abundance of juvenile white seabass (*Atractoscion nobilis*) in the shallow nearshore waters of the Southern California Bight, 1995-2005. Annual Meetings, JMIH, St. Louis, MO (with D.J. Pondella II and M. Shane).
- 2008 Fisheries independent assessment of a returning fishery? Distribution and abundance of juvenile white seabass (*Atractoscion nobilis*) in the shallow nearshore waters of the Southern California Bight, 1995-2008. Annual Meetings, WSN, Vancouver, BC, Canada.
- 2009 The existence, importance, and contribution of fish spawning aggregations to the ecosystems and fisheries of the temperate waters off southern California. Annual Meetings, WSN, Vancouver, BC, Canada (with Brad E. Erisman).
- 2010 The existence, importance, and contribution of fish spawning aggregations to the ecosystems and fisheries of the temperate waters off southern California. Annual Meetings JMIH, Providence, RI. (with Brad E. Erisman).
- 2010 How to count barred sand bass (*Paralabrax nebulifer*) in their spawning aggregations. Annual Meetings, WSN, San Diego, CA.
- 2011 How to count barred sand bass (*Paralabrax nebulifer*) in their spawning aggregations. Annual Meetings, SCAS, Los Angeles, CA.
- 2012 Ebb and flow of the “sea bass” fisheries off California. AFS CalNeva meetings, San Diego, CA.
- 2012 Bomb radiocarbon dating and estimated longevity of Giant Sea Bass (*Stereolepis gigas*). Annual Meetings JMIH, Vancouver, BC, Canada (with Allen Andrews).

PROFESSIONAL ORGANIZATIONS

American Society of Ichthyologists and Herpetologists (ASIH)
 American Fisheries Society (AFS)
 American Elasmobranch Society (AES)
 Western Society of Naturalists (WSN)
 Southern California Academy of Sciences (SCAS)
 Sigma Xi
 American Association for the Advancement of Science (AAAS)

PROFESSIONAL ACTIVITIES

President-elect, American Society of Ichthyologists and Herpetologists, 2014.
 Co-Editor, Bulletin of the Southern California Academy of Sciences, 2010 to present.
 Executive Director, Southern California Marine Institute, 2008 – 2012.

Member, Executive Committee, Council on Ocean Affairs, Science and Technology (COAST), California State University, 2009 to 2011.

Member, Scientific Advisory Panel, State Marine Life Protection Act, North Coast Study Region, 2009– 2010.

Co-chair, Scientific Advisory Panel, State Marine Life Protection Act, Southern California Study Region, 2008 – 2009.

President, Western Society of Naturalists, 2007.

Member, Meeting Planning & Management Committee, Joint Meetings of Ichthyologists and Herpetologists, 2010 – 2012.

Member, Meeting Planning & Management Committee, American Society of Ichthyologists and Herpetologists, 2000 to 2009.

Member, Board of Governors, American Society of Ichthyologists and Herpetologists, 1997-2002; 2004 to 2009; 2012 to present.

Member of Board of Governors, Ocean Studies Institute (OSI), 1982-present.

Chairman, Board of Governors, Ocean Studies Institute, 1985-1990; 1993-1999; 2006-2008; 2012 – 2013.

Director, Ocean Studies Institute, The California State University, 1999- 2001.

Member of Secretariat, Western Society of Naturalists, 1997 – 2000.

Board of Directors, Southern California Marine Institute (SCMI), 1994-2000; 2006-present

Member, Board of Directors, Southern California Academy of Sciences, 1986-1989.

Research Associate--Los Angeles Co. Museum of Natural History, 1977-present.