CURRICULUM VITAE

**MICHAEL PAUL MARCHETTI**

Fletcher Jones Professor of Ecology

Department of Biology

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 **Education**:

**University of California Davis**, Doctor of Philosophy. Graduate Group in Ecology, Jan. 1999.

Advisors: Dr. Peter B. Moyle, Dr. Cathy Toft,

Thesis topic: Community Ecology of Invasive Species in California.

Areas of Emphasis: Invasion Ecology, Conservation Biology, Community Ecology.

**University of California Davis**, Master of Science, Gradate Group in Ecology, June 1994.

Advisor: Dr. Peter B. Moyle

Thesis Topic: Suspended Sediment Effects on Stream Fauna.

Areas of Emphasis: Freshwater Ecology, Community Ecology.

**Bucknell University**, Lewisburg Pa., 1990, Bachelor of Arts Biology, Bachelor of Arts Chemistry.

**Teaching Experience**:

**Fletcher Jones Endowed Chair of Ecology - St. Mary’s College of California, 2011-Present**

**Professor - California State University, Chico, 2009-2011**

**Associate Professor - California State University, Chico, 2005-2009**

**Assistant Professor - California State University, Chico, 2000-2005**

As a Professor I have taught undergraduate upper division courses in Aquatic Ecology, General Ecology, Biostatistics and the Biology of Fishes, non-majors undergraduate courses in Conservation Biology, wild mushrooms of the Bay Area and general biology, graduate courses in Community Ecology and biological writing and scholarship. In addition I have taught field ecology at Eagle Lake Field Station and advanced aquatic ecology field courses in Kauai Hawai’i, a course in marine wetland conservation in Manzanillo Mexico, and a sea turtle conservation course in Akumal Mexico.

 **TA Consultant Fellowship. 1997-1999**

A fellowship awarded to students interested in teaching that is designed to provide peer consultation and support for UC Davis teaching assistants. Duties included, TA orientation, interactive workshops, video consultation, one-on-one consultation and mid-quarter evaluation interviews.

 **Professors for the Future Fellowship. 1998-1999**

A year long professional development fellowship, awarded to graduate students who conduct an independent project addressing the educational needs of the graduate student community at UC Davis.

 **Program in College Teaching. 1995-1996**

A year long professional development program for a select group of graduate students in which the students explore all aspects of college-level teaching as a profession. In addition students gain hands-on teaching experience in the classroom through mentored teaching program.

**Students Mentored**

 **Graduate Students**

Heather Bowen – MS 2012. Habitat induced phenotypic variation in juvenile salmon.

Gina Benigno – MS 2011. Aquatic macroinvertebrate use of seasonal tributaries.

Megan Layhee – MS 2011. Impact of invasive fish & herptofauna on Kauai’s aquatic food webs.

Becky Walther - MS 2009. Spatial distribution of native fish larvae in a seasonal tributary.

Alicia Seesholtz - MS 2008. Catch selectivity of fish farvae using different gear type and placement.

Mariah Garr - MS 2007. Wetland restoration and its effects on the macroinvertebrate communities.

Kyle Hartwigsen - MS 2007. Interactions between yellow-legged frogs & non-native bullfrogs.

Ryon Kurth - MS 2006. Tracing marine-derived energy pathways in the Feather River.

Mike Limm. - MS 2003. Juvenile chinook salmon use of off-channel flooded habitat

Elaine Esteban - MS 2002. Flow variation effects on aquatic macroinvertebrate & salmonids.

 **Undergraduate Students**

Abigail Hayes\* Christine Parisek\*

Courtney Chin\*

Mary Rys\*

Eliot W. Jackson\*

Jennifer Burghardt

 Matthew Cobb

 Kimberly Wright

 Brittany Blaine

 Jeremy Bonesio

 Joshua Grigg

 Gregory True

 Megan Masonek

 William McCall

 Edward Leibig

 Ryan Brown

Katie Lentz

Maria Corrales

Shayna McGill

Chris Barrett

Ben Barker

Dave Koenig

Rebecca Robertson

Leslie Alber

Peter Pierson

Nick Dimetreas

Kevin McAllister

Casey Collins

Mike Skaggs

Chad Dale

Stephen Manifor

Darin Olsen

Zachary McCormick

Michael Reymann

Saheer Kassis

 Effie Greathouse

 \* St Marys Students

 **High School Students**

 Regan Gong

**Awards/Grants/Scholarships**

 2010, CSU Research Award – Release time for work on 2nd edition ‘Invasion Ecology’

2008, CSU Research Award – Invasion and Hawaiian food webs ($4,000)

 2006, Earth Watch Institute, Mexican Mangrove and Wildlife grant, co-PI ($56,000)

 2005, Butte County Environmental Monitoring ($24,986)

 2005-06, NSF Field Station Planning Grant. Co-PI ($24,970)

 2004, Putah Creek Council, Student Monitoring of Putah Creek ($750)

 2004-06, CDFG Aquatic Macroinvertebrate Bioassessment Internship program ($25,000)

2003-04, Nature Conservancy Grant, Yellow-legged Frog Ecology ($13,405)

 2003, CSU Research Award - Native Fish Larvae in Seasonal Tributaries ($4,830)

 2002-03, Camp, Dresser & McKee-Watershed Conservation Plan, Butte Co. co-PI ($58,555)

 2001-02, CA Dpt. of Water Resources- Juvenile Salmonids in the Feather River ($52,000)

 2001-02, Nature Conservancy Grant, Juvenile Salmon Use of Flooded Habitat ($36,000)

 2001, CSU Research Award - Native amphibian decline ($4,800)

 2000, CSU CELT travel award ($300)

1998-99, Professors For The Future Fellowship ($3,000)

1997-99, Center for Water and Wildland Resources Grant, co-PI-Peter Moyle, ($60,000)

1997-98, 1998-99 Teaching Resource Center - TA Consultant Fellowship ($4,500)

 1997-98, Ecology Graduate Group Block Grant Fellowship ($3,400)

 1995-96, 1996-97, 1997-98 Jastro-Shields Graduate Research Scholarship ($5,500)

 1996, Marin Rod and Gun Club Scholarship ($1,500)

 1996, Stockton Sportsman Club Scholarship ($1,500)

 1995-96, Putah-Cache Creeks Bioregion Grant Award ($1,000)

**Publications –Peer Reviewed:**

**Books**

**Published**

-Lockwood, J.L., M. F. Hoopes, and M. P. Marchetti 2013. Invasion Ecology 2nd ed. Wiley-Blackwell Publishing, Oxford. UK. 444 pp.

-Marchetti, M.P, and P. B. Moyle, 2010, Protecting life on earth: an introduction to the science of conservation. University of California Press, 250 pp.

-Lockwood, J.L., M. F. Hoopes, and M. P. Marchetti 2007. Invasion Ecology. Blackwell Publishing, Oxford. UK. 304 pp.

**In Prep**

-Marchetti, M.P., J.L. Lockwood, M.F. Hoopes (2019). A Primer for Ecology. Norton Publishing.

**Journal Articles**

**In Prep**

- Goldstein, L., C. Lepczyk, K. McClure, A. Shiels, T. Johnson, M. P. Marchetti, 2018. Hawaii as a microcosm for advancing the science and practice of invasive species

-Benigno, G. and M. P. Marchetti. 2018. Abundance and community composition of invertebrate drift in neighboring perennial and seasonally flowing tributaries of the Sacramento River, USA. Aquatic Ecology.

-Kurth, R. & M. P. Marchetti 2018. Use of salmon derived nutrients in the aquatic food web of a large, regulated river. Aquatic Ecology

-Marchetti, M. P., H. L. Bowen, and R. Lorig 2018. Hidden in plain sight: the ecological role of seasonal tributaries for aquatic biota in the Western US. Freshwater Biology.

**Submitted**

- Marchetti, M.P., and A. Hayes, 2018. Isotopic Food Webs for Two Populations of the California Newt, *Taricha torosa.* Copeia

**Published**

1. Arndt, E., M. P. Marchetti and P. J. Schembri, 2018. Ecological impact of alien marine fishes – insights from freshwater systems based on a comparative review. Hydrobiologia.
2. Howeth J.G., C. A. Gantz, P.l L. Angermeier, E. l A. Frimpong, M. Hoff, R. P. Keller, N. E. Mandrak, M. P. Marchetti, J. D. Olden, C. M. Romagosa, and D. M. Lodge, 2016. Predicting invaders from trade: climate match, trophic guild, and fecundity influence invasion success of non-native freshwater fish. Diversity & Distributions *22*(2), pp.148-160.
3. Bowen, H. and M. P. Marchetti. 2015. Ecomorphological plasticity of juvenile fall-run Chinook salmon (Oncorhynchus tshawytscha) in perennial and ephemeral streams. Environmental Biology of Fish. *99*(1), pp.67-78.
4. M. P. Marchetti, T. Engstrom 2016 . The wattle-necked softshelled turtle (*Palea steindachneri*), an endangered, invasive species and a conservation paradox. Conservation Biology. 30(2), pp 434-437
5. Hitt, N. P., L. K. Bonneau, K. V. Jayachandran, M. P. Marchetti. 2015. Freshwater Ecosystems and Biodiversity. Lessons in Conservation. 5: 5-16.
6. Layhee, M., M. P. Marchetti, S. Chandra, D. Pickard. 2015. Employing stable isotopes to investigate the impacts of invasive species on Hawaiian stream food webs. Pacific Conservation Biology. 20(3) Pg 252-270
7. Vander Zanden M. J., N. W. R. Lapointe, M.P. Marchetti. 2015. Non-Indigenous Fishes and their Role in Freshwater Fish Imperilment. In Olden J. ed. ‘Conservation of Freshwater Fishes’ Cambridge University Press
8. Ricciardi A., M. F. Hoopes, M. P. Marchetti, J. L. Lockwood. 2013. Progress toward understanding the ecological impacts of non-native species. Ecological Monographs. 83(3): 263–282
9. Lorig, B., M.P. Marchetti & G. Kopp, 2012. Spatial and Temporal Ecology of Fish Larvae in Seasonal and Perennial Tributaries of the Sacramento River, California. Journal of Freshwater Ecology. 28(2): 179-197
10. Lockwood, J. L., M. F. Hoopes, & M. P. Marchetti. 2011. Non-natives: pluses of invasion ecology. Nature. 475: 36
11. Marchetti. M. P., E. Esteban, A. N H. Smith, A. B. Richards, J. Slusark, D. Pickard. 2011. Ecological assessment of a constant flow regime on the macroinvertebrate community in a large Mediterranean climate river. Journal of Freshwater Ecology. 26(4): 459-480.
12. Marr, S. M., M. P. Marchetti, J. D. Olden, E. Garcı´a-Berthou, D. L. Morgan, I. Arismendi, J. A. Day, C. L. Griffiths & P. H. Skelton. 2010. Freshwater fish introductions in Mediterranean-climate regions: are there commonalities in the conservation problem? Diversity and Distributions. 16(4):606-619.
13. Marchetti, M. P., M. Garr, & A.N.H. Smith, 2010. Evaluating wetland restoration success using aquatic macroinvertebrate assemblages in the Sacramento Valley CA. Restoration Ecology 18(4):457-466.
14. Limm, M., & M.P. Marchetti. 2009. Contrasting patterns of juvenile Chinook salmon (*Oncorhynchus tshawytschaw*) growth, diet, and prey densities in off-channel and main stem habitats on the Sacramento River, Environmental Biology of Fish. 85(2):141-151.
15. Light, T. & M. P. Marchetti. 2006, Invasions and habitat change as drivers of diversity loss among California’s freshwater fishes. Conservation Biology 21(2):434-446.
16. Moyle, P. B. & M. P. Marchetti. 2006. Predicting exotic fishes in freshwater systems: freshwater fishes in California as a model. BioScience 56(6): 515-524.
17. Marchetti, M. P., J. L. Lockwood, & T.S. Light, 2006. Effects of urbanization on California’s fish diversity: differentiation, homogenization and the influence of spatial scale. Biological Conservation 127(3):310-318.
18. Lema, S. C., M. J. Hodges, M. P. Marchetti, & G. A. Nevitt. 2005. Proliferation zones in the salmon telencephalon and evidence for environmental influence on proliferation rate, Comparative Biochemistry & Physiology. Part A 141:327-335.
19. Marchetti, M.P., P.B. Moyle, & R. Levine 2004. Invasive species profiling: exploring the characteristics of exotic fishes across invasion stages in California. Freshwater Biology. 49(5): 646-661.
20. Marchetti, M.P., T.S. Light, P. B. Moyle, & J. Viers. 2004. Invasion and extinction in California fish assemblages: testing hypotheses using landscape patterns. Ecological Applications. 14(5):1507-1525.
21. Esteban, E., & M.P. Marchetti. 2004. What’s on the menu? Evaluating a food availability model with young-of -the-year Chinook salmon (*Oncorhynchus tshawytscha*) in the Feather River of California. Transactions American Fisheries Society. 133:777-788.
22. Marchetti, M.P., P.B. Moyle, R. Levine 2004. Alien fishes in California watersheds: characteristics of successful and failed invaders. Ecological Applications. 14(2):587-596.
23. Marchetti, M.P., E. Esteban, M. Limm, R. Kurth. 2003. Does size, taxa or color matter? Evaluating fish-larvae light trap efficiency in the Northern Sacramento River system. Pages 269-280 *in* F. Feyrer, L. R. Brown, R. L. Brown, and J.J. Orsi, Editors. Early life history of fishes in the San Francisco Estuary and watershed. American Fisheries Society, Symposium 39, Bethesda MD.
24. Marchetti M.P. and G.A.Nevitt, 2002. Effects of habitat enrichment on brain structures in rainbow trout (*Oncorhynchus mykiss*). Environmental Biology of Fishes. 66: 9-14.
25. Golet G.H, D.L. Brown, E.E. Crone, G.R. Geupel, S.E. Greco, K.D. Holl, K.A. Hoover, D.E. Jukkola, G.M. Kondolf, E.W. Larsen, F.K. Ligon, R.A. Luster, M.P. Marchetti, N..Nur, B.K. Orr, D.R. Peterson, M.E. Power, W.E. Rainey, M.D. Roberts, J.G. Silveira, S.L. Small, J.C. Vick, D.S. Wilson, and D.M. Wood. 2001. Using science to evaluate restoration efforts and ecosystem health on the Sacramento River Project, California. *in* PM Faber ed. *Proceedings of the Riparian Habitat and Floodplains Conference***.**
26. Marchetti, M.P. and P.B. Moyle, 2001. Effects of flow regime and habitat structure on fish assemblages in a regulated California stream. Ecological Applications, 11(2):530-539.
27. Marchetti M.P., T. S. Light, J. Feliciano, T.W. Armstrong and Z. Hogan., P.B. Moyle. 2001. Physical Homogenization and Biotic Homogenization in Aquatic Systems. Pages 259-278. *in* Lockwood J.L. and M. L. McKinney. Editors. *Biotic Homogenization: The Loss of Diversity through Invasion and Extinction*. Kluwer Academic/Plenum Publishers. N.Y.
28. Marchetti, M.P. and P.B. Moyle, 2000. Spatial and temporal ecology of native and introduced larval fish in Lower Putah Creek (Yolo Co. CA). Environmental Biology of Fishes, 58(1):73-87.
29. Marchetti, M.P., 1999, An experimental study of competition between the native Sacramento perch (*Archoplites interruptus*) and introduced bluegill (*Lepomis macrochirus*), Biological Invasions 1:55-65.
30. Marchetti, M.P. 1999. Ecological Effects of Non-native Fish Species in Low Elevation Streams of the Central Valley, California. Ph.D. Dissertation. University of California, Davis. Davis California.
31. Moyle P.B., M.P. Marchetti, J. Baldridge, T.L. Taylor,1998. Fish Health and Diversity: Justifying Instream Flows. Fisheries. 23(7):6-15.
32. Moyle P.B., and M. P. Marchetti,1998. Applications of Indices of Biotic Integrity to California streams and watersheds*. in* Simpson T.P., editor. *Assessing the sustainability and biological integrity of water resource quality using fish assemblages*. CRC press. pp. 367-380.
33. Marchetti, M.P. and P.B. Moyle, 1995. Conflicting Values Complicate Stream Protection. California Agriculture, 49(6), 73-78.
34. Marchetti, M.P. 1994. Suspended Sediment Effects on the Aquatic Fauna of Humbug Creek.Masters Thesis. University of California, Davis. Davis California.

**News and Press articles**

- Work featured in “Why do domestic animals have small brains” Minutearth -Youtube video- (<https://www.youtube.com/watch?v=S9Dj-xf3iVo>). 2017

 - “Invasive but not always wanted” NY Times article March 1, 2016

- Mexican Mangrove Conservation - Chico News & Review (March 2007)

 - Interview with Earth and Sky (NPR Radio program 8/28/02) (http://www.earthsky.com/2002/es020828.html)

 -"Dull Trout" *Science*. vol. 289, number 5483, Aug. 25, 2000, pg. 1285.

 -"Easy Life Makes for Dull Fish" S*cience Now*. Aug. 16, 2000. (http://sciencenow.sciencemag.org/cgi/content/full/2000/816/5).

 - "Wild trout outsmart stockees" *Fly Fisherman*, March, 2001.

 - Invited guest, Feb. 26, 1998, Davis Community Television: Natural History of Putah Creek.

**Post-Doctoral Work**

 Multivariate analysis of fish introductions and GIS data for California

Peter Moyle. Wildlife, Fish, and Conservation Biology Dept. U.C. Davis. 1999

The neurobiological basis for hatchery effects in salmonids

PI - Gabrielle Nevitt, Neurobiology, Physiology, and Behavior Dept. U.C. Davis. 1999-2000

**Invited Talks:**

- Invited seminar speaker on “California newt food webs: what we know and where to go” Stanislaus State University, May 2018

- Invited speaker on “Critical role of seasonal tributaries for native aquatic biota in the Sacramento River” at Society for Freshwater Science California Chapter Meeting. Davis CA. Oct. 2016.

- Invited speaker in symposium on ‘Hawaii as a microcosm: mitigating the effects of invasive species on nature and society’ at North American Congress for Conservation Biology Annual Meeting. Madison WI July 2016.

- Invited speaker in a symposium on Biotic resistance at the The Ecological Society of America Annual Meeting. Sacramento CA. Aug 2014 "Biotic resistance in freshwater communities: what we know and where to go"

- Invited lecture at Mills College Oakland CA. Oct. 2012, “The role of interspecific competition in the process of species invasion.”

- Society for Conservation Biology – North American Congress. Oakland, July 2012, “Examining the paradox of invasive/endangered species conservation” Co-facilitated by Dr. Tag Engstrom (CSU Chico) and M.P. Marchetti

- The Ecological Society of America Annual Meeting. Portland OR. Aug 2012, “Advancing Ecological Literacy in Non-Majors, Undergraduate Courses” Co-facilitated by Dr. Jennifer Powers (Univ Minnesota) and M.P. Marchetti

- Invited lecture at Drexel University. May 2012 “The ecological role of seasonal tributaries in California”

- Departmental Seminar Shasta College, Redding CA. Feb 2011. Impacts of California’s invasive fishes. Contributing Author: M P Marchetti.

- Keynote Speaker, Canadian Aquatic Invasive Species Network (CAISN), Victoria B.C. April 25-28, 2010. Impact of Invasive Species: Lessons from California’s Fishes. Contributing Author: M.P. Marchetti.

-Plenary Session, Tahoe Basin Science Conference, Incline Village NV Mar. 2010. Impact of invasive species: lessons from California’s fishes. Contributing Author: M.P. Marchetti

-Society for Conservation Biology Annual Meeting, Chattanooga TN July 2008. Lead an hour and a half long workshop for 100 teaching professionals on developing and applying best practices for teaching conservation biology laboratory sections. Contributing leader S. Trombulak (Mittlebury College).

-Invited Seminar Texas State San Marcos Texas April 2008. Use it and loose it: ecological effects of altering stream flow on California stream systems. Contributing Author: M P Marchetti.

-Departmental Seminar Shasta College, Redding CA. Feb 2008. Give me water or give me fish: how changing flow regime impacts fishes in California. Contributing Author: M P Marchetti.

-Careers in Higher Education Graduate Seminar Series, UC. Davis. Feb. 2008. Finding and applying for a faculty job at a four year institution. Contributing Author: M. P. Marchetti.

-14th Annual Meeting of the CA Aquatic Bioassessment Workgroup, Davis CA. Nov. 2007. Invited speaker. When is a Disturbance a Disturbance? Reduced Flow Variability and Macroinvertebrate Response in a California River Contributing Authors: M.P. Marchetti, E. Esteban, G. Benigno.

-Ecological Society of America Annual Meeting, San Jose CA, Aug 2007. Propagule pressure & California fish invasions: species, watersheds and people. Contributing Author: M. Marchetti.

-EPA working group on Propagule Pressure and Invasive species. Environmental Protection Agency Washington DC. July 23-25, 2006. “What we have learned from CA fishes: a road map to the future”

-Society for Conservation Biology Annual Meeting, San Jose CA, June 2006. Co-led an hour long professional development workshop entitled “Teaching non-majors Conservation”

-Museum Without Walls Lecture Series, California State University Chico. Oct. 2004. “Effect of flow alterations on aquatic systems in California” Contributing Author: M. Marchetti, & M. Limm.

-Society for Conservation Biology Annual Meeting. NY, NY. July 2004. Invited workshop speaker “Does urban development play a role in the homogenization of California’s waters?” Contributing Authors: M. Marchetti, T. Light, J. Lockwood.

-University of Nevada Reno, Dept. Env. & Resource Science, Invited speaker. March 4, 2004, “Effect of flow alterations on aquatic systems in the West” Contributing Author: M. Marchetti & M. Limm.

-Museum Without Walls Lecture Series, California State University Chico. Oct. 2003. “Biodiversity: what it is and why we should care”

-Wildlife Society Symposium, October 2003, Sacramento CA: Invited speaker, Accidental and Purposeful Introductions of Animals: Investigating Species Interactions at different Trophic Levels. Title: "Exotic fishes in California: characteristics of success and failure" Contributing Authors: M. Marchetti, P.B. Moyle, R. Levine.

-27th Annual Larval Fish Conference, Santa Cruz, CA. Aug. 2003. Invited speaker, Evaluating aspects of larval light trap bias and specificity in the Northern Sacramento River system: Do size and color matter? Contributing Authors: M. Marchetti, M. Limm, E. Esteban, R. Kurth.

-University of Montana, Missoula, Department of Biology, Invited Speaker, Feb, 2002. Understanding fish invasions in California: patterns involving species, watersheds and humans. Contributing Author: M. Marchetti.

-UC Santa Cruz, Department of Environmental Studies. Invited Speaker, Nov. 25, 2002. Why area there so many aliens around here? Patterns of fish invasion across California. Contributing Author: M. Marchetti.

-Plenary Session, American Fisheries Society, California-Nevada Chapter Meeting. Invited Speaker, Tahoe City April 2002, Processes, patterns and prediction: exotic fishes across California. Contributing Author: M. Marchetti.

-Phylogeny and Conservation Workgroup on Invasive Species. Invited speaker and participant, Feb. 2002, National Center for Ecological Analysis and Synthesis (NCEAS), Santa Barbara.

-Intra-American Biodiversity Information Network (IABIN), October 1998. Invited speaker and participant, Invasive Fish and Plants, workshop to develop framework for hemispheric database for information sharing. participant, NCEAS, Santa Barbara. CA.

**Presentations**

-American Geophysical Union (AGU) Annual Meeting. San Francisco CA. December 2016. Poster presentation titled “The critical role of seasonal tributaries for native fish and aquatic biota in the Sacramento River”

-Joint Aquatic Sciences Meeting (ALSO, Soc. Freshwater Bio, Phycological Soc., SWS), Portland OR. May 2014. “Critical Role of seasonal tributaries for native aquatic biota in the Sacramento River”

- Society for Conservation Biology – North American Congress. Oakland (July 2012) ‘The critical role of seasonal tributaries in California’

- Society for Conservation Biology – North American Congress. Oakland (July 2012) ‘The impact of aquatic invaders on stream food webs in Kauai, Hawaii’

- The Ecological Society of America Annual Meeting. Portland OR. (Aug 2012) ‘The critical role of seasonal tributaries in California’

-46th Annual American Fisheries Society – CALNEVA chapter meeting. March 2012. Ecological Role of Seasonal Tributaries in California. Author: M. P. Marchetti

-6th Biennial Bay-Delta Science Conference. September 2010. Ecological Role of Seasonal Tributaries in California. Contributing Authors: M. P. Marchetti, B. Walther, M. Limm, G. Benigno, H. Bowen.

-American Fisheries Society, Annual Meeting, San Francisco CA, September 2007. Ecological assessment of a constant flow regime on the macroinvertebrate community in a large Mediterranean river. Contributing Authors: M.P. Marchetti, E. Esteban.

-American Fisheries Society, Annual Meeting, San Francisco CA, September 2007. Larval fishes in a seasonal tributary of the Sacramento River. Contributing Authors: R. Walther, M. Marchetti.

-Ecological Society of America Annual Meeting, San Jose CA, Aug 2007. Evaluating wetland restoration success using aquatic macroinvertebrate assemblages, Contributing Authors: M. Garr and M.P. Marchetti.

-American Fisheries Society, CalNeva Chapter 39th Annual Meeting, Sacramento CA, March 17-19, 2005. Watershed change promotes invasion and extinction but not homogenization in California fishes,. Contributing Authors: Marchetti, M**.,** J. Lockwood & T. Light.

-Society for Neuroscience, November 2003, New Orleans: Environmental rearing conditions produced differences in relative brain size in wild Chinook Salmon *Oncorhynchus tshawytscha* Contributing Authors**:** R. Kihslinger; A. Alvarado; M. Hodges; I. Silverman; S. Lema; M. Marchetti; P. Swanson; G. Nevitt.

-Society for Conservation Biology Annual Meeting, Duluth MN. July 2003, Homogenization of the fishes of California: scale dependence and future trends. Contributing authors: M. Marchetti, J. Lockwood, P. Moyle.

-American Fisheries Society California-Nevada Chapter Meeting. Tahoe City, April 2002, Captive rearing produces changes in brain development in rainbow trout. Contributing Authors: M. Marchetti, G. Nevitt.

-Ecological Society of America, Annual Meeting, Madison WI. Aug. 2001. Predicting Fish Invasions in California: A Multidisciplinary Analysis. Contributing Authors: M. Marchetti, P. Moyle, T. Light.

-Society for Conservation Biology, Annual Meeting, Hilo HI. July 2001. Predicting Fish Invasions for the island of California: A Multivariate and Geographical approach. Contributing Authors: M. Marchetti, P. Moyle, T. Light.

-American Fisheries Society, Western Regional Meeting, Santa Rosa CA, March 2001. Predicting fish invasions in California: characteristics of invasive species. Contributing Authors: M. Marchetti, P. Moyle, R. Levine

-Ecological Society of America, Annual Meeting, Snowbird UT. Aug. 2000. Hatchery or wild: effects of habitat enrichment on brain structures in rainbow trout (*Oncorhynchus mykiss*). Contributing Authors: M. Marchetti, G. Nevitt.

-Society for Conservation Biology, Annual Meeting, Missoula MT. June 2000. Characteristics of successful and unsuccessful fish invasions in California. Contributing Author: M. Marchetti.

-Ecological Society of America, Annual Meeting, Spokane WA Aug. 1999. Assemblage Structure and Conservation of Native Fishes: A Multivariate Approach. Contributing Author: M. Marchetti.

-American Fisheries Society, Western Regional Meeting, Reading CA, March 1999 . Assemblage Structure and Conservation of Native Fishes in a Flow Regulated Stream. Contributing Author: M. Marchetti.

-North American Interdisciplinary Conference on Environment and Community, Weber State University, Ogden UT. Feb. 11, 1999. Patterns in Nature: Studying Stream Ecology.

-North American Interdisciplinary Conference on Environment and Community, Weber State University, Ogden UT. Feb. 11, 1999. Bio-Regional Theater.

-American Fisheries Society, Western Regional Meeting, Sacramento CA. May 1998, An experimental study of competition between the native Sacramento perch (*Archoplites interruptus*) and introduced bluegill (*Lepomis macrochirus*).

-Ecological Society of America, Albuquerque NM Aug. 1997. Competitive effects of an exotic species on the behavior of Sacramento perch *Archoplites interruptus.*

 -Society for Human Ecology, Annual Meeting, Reno NV. February 1996, “Paradigms in ecology”.

**Professional Service**:

Scientific Review Panel Crater Lake Mazama Newt Preservation (2015)

Scientific Review Panel Tahoe Aquatic Invasive Species (2015)

Associate Editor Biological Invasions (2013- present)

Member City of Lafayette Creeks Committee (2013-2016)

Independent Science Review Panel for the Russian River Watershed (2012-Present)

Society for Conservation Biology, Freshwater Working Group, board member (2007-2010)

Butte County HCP/NCCP Science Panel Member

Formal Review of CALFED Life History Conceptual Model for Sacramento splittail

Formal Review of Southern Nevada Agency Partnership Grant Proposal

Formal Review of USFWS de-listing proposal for northern tidewater goby.

Reviewer for the following scholarly journals:

Frontiers Ecology & Environment

Bioscience

Proceedings of the Royal Society B

Diversity and Distributions

Global Ecology and Biogeography

Ecology

Ecological Applications

Journal of Applied Ecology

Aquatic Conservation

Biogeography and Conservation

Biological Invasions

Conservation Biology

Biological Conservation

Canadian J. of Fish. & Aquatic Sci.

Ecology of Freshwater Fish

Ecography

Environmental Management

Wetlands

Arch. fur Hydrobiologie,

Western North American Naturalist

California Fish and Game,

Transactions of American Fisheries Society

Hydrobiologia

Aquatic Invasions

Pacific Science

Marine and Freshwater Research

North American Journal of Fisheries Management

New Zealand J. of Mar. & Fresh. Resc.

Conservation Letters

Northwestern Naturalist

PLOS one

 Proposal Reviewer:

National Science Foundation,

National Geographic,

CALFED,

Macquarie University,

California Ocean Science Trust

Sea Grant research proposals

NOAA – MARFIN Grant Proposal

**Professional Societies and Awards:**

 American Society for Ichthyologists and Herpetologists

Ecological Society of America (Lifetime member)

 Society for Conservation Biology

American Fisheries Society (Lifetime member)

Slow Food Shasta/Cascade Convivium

 Associate in the Agricultural Experiment Station, WFCB Dept. U.C. Davis 2002-2004

Putah Creek Keeper Award - Scientific and Creative Research - December 1998

 Best Student Paper - American Fisheries Society, Western Regional Meeting 1998

**References**: Available Upon Request