

CURRICULUM VITAE

5/2022

PAUL A. MONTAGNA**ADDRESS & CONTACTS**

Texas A&M University - Corpus Christi
 Harte Research Institute for Gulf of Mexico Studies
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 Corpus Christi, Texas 78412
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EDUCATION

Ph.D., Biology, University of South Carolina, Columbia, South Carolina, 1983
 M.S., Biology, Northeastern University, Boston, Massachusetts, 1975
 B.S., Biology, State University of New York at Stony Brook, Stony Brook, New York, 1971

TABLE OF CONTENTS**PROFESSIONAL EXPERIENCE**

2020-present	Chair for HydroEcology, Harte Research Institute for Gulf of Mexico Studies, Texas A&M University-Corpus Christi, Corpus Christi, Texas
2015-present	Regents Professor, Texas A&M University System
2007-2015	Coordinator, Coastal & Marine System Science Doctoral Program, Texas A&M University-Corpus Christi, Corpus Christi, Texas
2006-2020	Endowed Chair for Ecosystems Studies and Modeling, Harte Research Institute for Gulf of Mexico Studies, Texas A&M University-Corpus Christi, Corpus Christi, Texas
2006-present	Professor, Department of Physical and Environmental Sciences, Texas A&M University-Corpus Christi, Corpus Christi, Texas
2006-2010	Adjunct Professor, Department of Marine Science, The University of Texas at Austin, Port Aransas, Texas
2006	Manager, Mission-Aransas National Estuarine Research Reserve, The University of Texas Marine Science Institute, Port Aransas, Texas
2000-2006	Professor, Department of Marine Science, The University of Texas at Austin, Port Aransas, Texas
1994-2000	Associate Professor, Department of Marine Science, The University of Texas at Austin, Port Aransas, Texas
1990-1994	Assistant Professor, Department of Marine Science, The University of Texas at Austin, Port Aransas, Texas
2000-2006	Senior Research Scientist, Research Professor, Marine Science Institute, The University of Texas at Austin, Port Aransas, Texas
1986-2000	Research Scientist, Marine Science Institute, The University of Texas at Austin, Port Aransas, Texas
1983-1986	Postdoctoral Fellow, Environmental Sciences Division, Lawrence Livermore National Laboratory, University of California, Livermore, California
1980-1983	Graduate Research Assistant, Belle W. Baruch Institute for Marine Biology and Coastal Research, University of South Carolina, Columbia, South Carolina
1979-1980	Teaching Assistant, Biology Department, University of South Carolina, Columbia, South Carolina
1975-1979	Research Assistant, School of Oceanography, Oregon State University, Corvallis, Oregon
1973-1975	Instructor, Biology Department, Northeastern University, Boston, MA.
1971-1973	Teaching Assistant, Biology Department, Northeastern University, Boston, MA

AWARDS

Coastal Community Award; shared by Paul Montagna, Gail Sutton and Jennifer Pollack; Coastal Bend Bays Foundation Conservation & Environmental Stewardship Award, December 7, 2017
 Coastal Champion Award, Mission-Aransas National Estuarine Research Reserve, October 2016

Regents Professor, Texas A&M University System, November 2015
William A. Niering Outstanding Educator Award, Coastal & Estuarine Research Federation, November 2013
Finalist, University Service Award, Texas A&M University-Corpus Christi, May 2013
Chairman's Award, for extended commitment and extraordinary effectiveness in preserving our rich coastal heritage.
Coastal Bend Bays Foundation Conservation & Environmental Stewardship Award, October 25, 2006.
Outreach Award, College of Natural Sciences, University of Texas at Austin, May 2005
Senior Guest Scientist Award, French NATO Program, 1993
Best Graduate Student Presentation Award, Southeastern Estuarine Research Society, 1982
Belle W. Baruch Pre-doctoral Fellowship, 1982
Sigma Xi South Carolina Chapter Travel Assistance Award, 1981
Sigma Xi Society, 1973
Phi Sigma Society, 1972

PROFESSIONAL SOCIETIES

American Association for the Advancement of Science
American Society of Limnology and Oceanography
Coastal and Estuarine Research Federation
International Association of Meiobenthologists (President, 1993-1996)
Gulf Estuarine Research Society

PROFESSIONAL ACTIVITIES

Co-Editor-In-Chief, *Estuaries & Coasts*, 2017-Present.
Member, Peer Review Panel, Delta Water Quality and Ecosystem Restoration Grant Program, Delta Science Program and California Sea Grant, 2019, 2021.
Peer Review, Early Career Research Fellowship, Gulf Research Program, National Academy of Sciences, Engineering, and Medicine, 2018, 2019
Member, Peer Review Panel, Expert review of and advice on technical and regulatory documents for Delta Science Program, Delta Stewardship Council, 2017-2018.
Member, Peer Review Panel, National Aeronautics and Space Administration, 2016.
Member, Committee for Effective Approaches for Monitoring and Assessing Ecological Restoration Activities, National Academies of Sciences, Engineering, and Medicine, 2015-2016. Contributor to: "Effective Monitoring to Evaluate Ecological Restoration in the Gulf of Mexico" (2017) [doi: 10.17226/23476](https://doi.org/10.17226/23476).
Member, Site Review Panel, National Science Foundation, 2015.
Member, Peer Review Panel, Mississippi-Alabama Sea Grant Program, 2015, 2017, 2019, 2021.
Member, Peer Review Panel, Delta Science Program, Independent Science Review, Delta Stewardship Council, 2013-2014.
Member, Peer review panel, National Science Foundation, 2012.
Member, Texas Environmental Flows Science Advisory Committee, 2008- 2015.
Chair, Odum Lifetime Achievement Award Committee, Coastal Estuarine Research Federation, 2011 and 2013
Member, Scientific Review Panel, YSI Foundation Minding the Planet Awards, 2011.
Member, Scientific Review Panel, Washington Sea Grant, 2011 and 2009.
Member, Benthos Ecology Working Group (BEWG), International Commission for Exploration of the Seas (ICES), 2011-present.
Member, Scientific Peer Review Panel, Minimum Flows for the Peace River, Southwest Florida Water Management District, 2008.
Member, Scientific Peer Review Panel, Minimum Flows for the Lower Hillsborough River, Southwest Florida Water Management District, 2007.
Member, Scientific Review Panel, Florida Sea Grant, 2007.
Chairperson of Organizing Committee, Gulf Estuarine Research Society Meeting, Corpus Christi, Texas, November 2-4, 2006.
Member, Science Advisory Committee, Environmental Flows Advisory Committee (Governor Perry Executive Order RP-50), Texas Water Development Board, 2006.
Member, Advisory Committee, Texas Coastal and Estuarine Land Conservation Program, General Land Office, 2005 - 2010.
Member, Advisory Committee, Texas Sea Grant College Program, 2005-2006.

Member, Board of Directors, Estuarine Research Federation, 2005-2007.
President, Gulf Estuarine Research Society, 2005-2007.
Member, Scientific Peer Review Panel, Minimum Flows for the Tampa Bypass Canal, Tampa, Florida, Southwest Florida Water Management District, 2005.
Chairperson, Peer Review Panel, The Determination of Minimum Flows for Sulphur Springs, Tampa, Florida, Southwest Florida Water Management District, 2004.
President-Elect, Gulf Estuarine Research Society, 2004-2005.
Member, Science Advisory Committee, Study Commission on Environmental Flows, Texas Legislature, 2004.
Chairperson of Organizing Committee, Gulf Estuarine Research Society Meeting, Port Aransas, Texas, April 17 - 19, 2003.
Member, Scientific Review Panel, Lower Colorado River Authority-San Antonio Water Supply High Level Study Plan for Inter-basin Transfer. San Antonio, Texas, October 29-30, 2002.
Project Coordinator, Proposed Texas National Estuarine Research Reserve. January 2002 - present.
Chairperson of Organizing Committee, Eleventh International Meiofauna Conference, Triennial meeting of the International Association of Meiobenthologists, Boston University July 14 - 20, 2001.
Member, Peer Review Panel, Minimum flow level criteria for the Caloosahatchee River and Estuary, South Florida Water Management District, 2000.
Chairperson, Peer Review Panel, Minimum flow requirements for the Hillsborough River, Southwest Florida Water Management District, 1999
Member, Science Advisory Board, Ecological Processes and Effects Committee, Environmental Protection Agency, 1998-2000
Member, Monitoring and Modeling Subcommittee, Gulf of Mexico Program, 1998-2000
Member, Committee for Environmental Monitoring McMurdo Station, Antarctica, National Science Foundation, 1998-1999
Member at Large, Board of Directors, Estuarine Research Federation, 1997 - 2001
Associate Editor, *Gulf Research Reports*, 1997-1999
Chairperson, Local Organizing Committee, 13th Biennial International Conference, Estuarine Research Federation, 1995
Member, Review Panel, Water Quality Protection Program, Florida Keys National Marine Sanctuary, U.S. Environmental Protection Agency, Region 4 - Atlanta, Georgia, 1995; 1997
Associate Editor, *Estuaries*, Journal of Estuarine Research Federation, 1993-1997
Trustee, Lower Laguna Madre Foundation, 1992-1998
Member, Scientific Advisory Committee, Corpus Christi Bay National Estuary Program, 1994-1998.
Editor, *Psammonalia*, Newsletter of the International Association of Meiobenthologists, 1993-1995
President, International Association of Meiobenthologists, 1993-1995
Member, Nueces County Dune Protection and Beach Access Subcommittee, 1992-1995
Member, EPA Habitat Degradation Subcommittee, Gulf of Mexico, 1989-1995

PUBLIC SERVICE

School Board President, Port Aransas Independent School District, 1990-1991, 1994-1995, 1996-1997
School Board Member, Port Aransas Independent School District, 1988-1997
Video: Scientific advisor and co-author for a 28-minute education/nature video entitled "The mystery of Laguna Madre." produced by South Coast Productions, 1990
Exhibit: Helped create exhibit; "Interstitial Beach Fauna" for the Texas State Aquarium, 1989

COURSES TAUGHT

Texas A&M University at Corpus Christi, Physical and Environmental Science Department, Coastal and Marine System Science Program (CMSS)
CMSS 6102 Seminar in Coastal and Marine System Science, Fall 2010
CMSS 6320 Experimental Design, Fall 2007, Fall 2009, Spring 2011, Spring 2012, Spring 2013, Spring 2014, Spring 2015, Spring 2016, Spring 2018
CMSS 6359 Marine Ecosystem Dynamics, Fall 2008
CMSS 6590 Modeling Ecosystem Services, Fall 2011 (Co-Taught with D. Yoskowitz)
ESCI 3351 Oceanography, Fall 2020
ESCI 6203 Professional Skills for Scientists, Spring 2022

University of Texas at Austin, Marine Science Department (MNS)

MNS 191 Seminar in Marine Science, Fall 2003, Fall 1994

MNS 307 /GEO 307: Introduction to Oceanography, Fall 2006, 2005, Spring 2005 (Co-taught with H. Edmonds and T. Villareal), Fall 2004 (Co-taught with H. Edmonds and A. Molineux)

MNS 352 Principles of Marine Science: Estuarine Ecology, Summer 1990. (Co-taught with K. Dunton)

MNS 354 Marine Invertebrates, Summers of 2004, 2000, 1998, 1997, 1996, 1995, 1994, 1992, 1991, 1989, 1988, 1987

MNS 354Q Marine Environmental Science, Summers 2005, 2003, 2001, 1999, 1998 (Co-taught with P. Thomas), 1997 and 1996 (Co-taught with E. Ingall and P. Thomas)

MNS 383 Topics in Marine Science: Benthic Plants and Animals, Spring 1996. (Co-taught with K. Dunton)

MNS 384J Marine Ecology, Spring 2003, Spring 2001, Fall 1998. (Co-taught with K. Dunton), Fall 1993

MNS 385F Environmental Modeling, Fall 2004

MNS 481C Marine Ecosystem Dynamics, Spring 1999, 2002. (Co-taught with T. Villareal)

GRADUATE STUDENT & POSTDOCTORAL SUPERVISION

<u>Current Students</u>	<u>Degree</u>	<u>Program</u>	<u>Expected Graduation Date</u>
Patricia Cockett	Ph.D.	CMSS	2022
Elizabeth Del Rosario	Ph.D.	CMSS	2022
Lauren Rener	M.S.	ESCI	2022
Karin Trevino	M.S.	ESCI	2022
Jasmine Callier	M.S.	MARB	2023
Danielle Marshall	M.S.	ESCI	2023
Crandon Sellers	M.S.	ESCI	2023

<u>Past Students</u>	<u>Degree</u>	<u>Program</u>	<u>Graduated</u>	<u>(Role if not major)</u>
Elizabeth Harris	M.S.	ESCI	May 2022	
Rafael Jose	M.S.	GEN	May 2022	(Research Supervisor)
Elaine M. Kurr	M.S.	CMSS	May 2019	
Melissa L. Rohal	Ph.D.	CMSS	December 2018	
Meagan N. Hardegree	M.S.	ESCI	May 2018	
Jaime K. Smith	M.S.	CMSS	May 2018	
Travis W. Washburn	Ph.D.	MARB	May 2017	
Hanna Ehrmann	M.S.	ESCI	May 2017	
Cheyenne M. Olson	M.S.	ESCI	May 2017	
Amanda M. Gordon	M.S.	FAMA	August 2016	
Elizabeth A. Del Rosario	M.S.	ESCI	May 2016	
Crystal Chaloupka	M.S.	ESCI	May 2016	
Brittany N. Blomberg	Ph.D.	CMSS	December 2015	
Meredyth Herdener	M.S.	MARB	December 2015	
Evan L. Turner	Ph.D.	CMSS	December 2014	
David Franklin	M.S.	ESCI	August 2014	
Bhanu Paudel	Ph.D.	CMSS	August 2014	
Lee Schroer	M.S.	MARB	August 2014	
Sara M. Smith	M.S.	ESCI	August 2014	
Maria C. Pillado	M.S.	MARB	May 2014	
Amanda D. Van Diggelen	M.S.	MARB	May 2014	
Whitley Paige Sprague	M.S.	ESCI	May 2013	
Kevin K. Nelson	Ph.D.	CMSS	December 2012	
Chien-Yi Hsiang	M.S.	ESCI	August 2012	
Akshara Uppaluri	M.S.	COSC	May 2012	(Research Supervisor)
Sai Nooli	M.S.	COSC	August 2011	(Co-Supervisor)
Michael J. Barajas	M.S.	ESCI	May 2011	
Lauren M. Hutchison	M.S.	ESCI	May 2011	
Ramya Kurmana	M.S.	COSC	May 2011	(Co-Supervisor)

Damion Scholz	M.S.	GSEN	August 2010	(Co-Supervisor)
Elani K. Morgan	M.S.	BIOL	August 2010	(Co-Supervisor)
Sandra S. Arismendez	Ph.D.	CMSS	May 2010	(Co-Supervisor)
William R. McGlaun	M.S.	ESCI	May 2010	
Laura C. Ryckman	Ph.D.	MNS	May 2010	(Co-Supervisor)
Julie W. Kinsey	M.S.	MNS	August 2006	
Terence A. Palmer	M.S.	MNS	May 2006	
Marc J. Russell	Ph.D.	MNS	August 2005	
Jeff G. Baguley	Ph.D.	MNS	December 2004	
Sally Morehead	M.S.	MNS	December 2001	
Tara J. Holmberg	M.A.	MNS	May 2000	
M. Christine Ritter	Ph.D.	MNS	August 1999	
Robert S. Burgess	M.A.	MNS	May 1999	
Gregory T. Street	Ph.D.	MNS	December 1996	
Mary F. Conley	M.A.	MNS	August 1996	
Mark J. Lanzotti	M.A.	MNS	May 1995	
Antonio Mannino	M.A.	MNS	July 1994	
Joseph M. Dirnberger	Ph.D.	MNS	May 1989	(Co-Supervisor)

<u>Current Student Committees</u>	<u>Degree</u>	<u>Program</u>
Wingman Lee	Ph.D.	MARB (Lin Zhang, Chair)
Molly McGuigan	M.S.	MARB (Ed Proffitt, Chair)
Monisha Sugla	M.S.	MARB (Jennifer Pollack, Chair)
Alyssa Outwaithe	Ph.D.	MARB (Jennifer Pollack, Chair)

<u>Past Student Committees (TAMUCC)</u>	<u>Degree</u>	<u>Program</u>	<u>Graduated</u>
Terry Palmer	Ph.D.	CMSS	2021
Quinn McColly	Ph.D.	CMSS	2020
Audrey Douglas	Ph.D.	CMSS	2020
Meghan Martinez	Ph.D.	MARB	2019
Zachary Olsen	Ph.D.	CMSS	2019
Hongming Yao	Ph.D.	CMSS	2019
Natasha Breaux	M.S.	MARB	2017
Kelly Savage	M.S.	MARB	2017
Chester Scotch	M.S.	ESCI	2016
Alex Wade	M.S.	ESCI	2015
Paniz Bigash	M.S.	ESCI	2013
Lucy Flores	M.S.	ESCI	2013
Lindsey George	M.S.	MARB	2013
Jaime Nevins	M.S.	FAMA	2013
Hongzhi Song	Ph.D.	CMSS	2013
Natalya Warner	Ph.D.	CMSS	2013
Keith Johnson	M.S.	CMSS	2012
Kathleen Welder	M.S.	ESCI	2011
John Froeschke	Ph.D.	CMSS	2010

<u>Past Student Committees (UTA)</u>	<u>Degree</u>	<u>Program</u>	<u>Graduated</u>
David J. Lampert	Ph.D.	CE	2010
Ernest To	Ph.D.	CE	2009
Michael Rasser	Ph.D.	MNS	2009
John Breier	Ph.D.	MNS	2006
Rebecca Waggett	Ph.D.	MNS	2005
Tamera Aschroft	M.S.	MNS	2003
Christopher J. Collumb	Ph.D.	MNS	2000
Kun-Seop Lee	Ph.D.	MNS	1998
James E. Kaldy III	Ph.D.	MNS	1997

Scott E. Stewart	Ph.D.	MNS	1997
Kristen C. Drescher	M.A.	MNS	1995
Kun-Seop Lee	M.A.	MNS	1995
Jay O. Peterson	M.A.	MNS	1995
Andrew B. Czerny	M.A.	MNS	1994
Richard K. Schmidt	M.A.	MNS	1993

Graduate Student Supervision From Other Universities

<u>Student</u>	<u>Degree</u>	<u>University</u>	<u>Graduated</u>	<u>Role</u>
Melissa Duggan	Ph.D.	Griffith University, Australia	May 2012	External examiner
Jason M. Beard	M.S.	University of Tasmania	Aug 2011	External examiner
Khaled J. I. M. Tawfik	Ph.D.	Alexandria University, Egypt	Oct 2004	External examiner
Satyanarayan Mishra	Ph.D.	Utkal University, India	Jun 2000	External examiner
Hanan Mitwally	Ph.D.	Alexandria University, Egypt	Oct 1999	Co-Supervisor
Raouf Kilada	Ph.D.	Suez Canal University, Egypt	Apr 1995	Co-Supervisor
Christopher M. Martin	M.S.	Texas A&M University-Corpus Christi	Jul 1994	Co-Supervisor

Postdoctoral Fellows

Dr. Audrey Douglas	2021-Present
Dr. Melissa Rohal	2019-2020
Dr. Travis Washburn	2017
Dr. Michael Reuscher	2014-2020
Dr. Evan Turner	2014-2017
Dr. Kevin Nelson	2012-2014
Dr. Adelaide Rhoads	2011-2014
Dr. Benoit Lebreton	2010-2011
Dr. Sandra Arismendez	2010-2011
Dr. Jennifer Beseres Pollack	2007-2010
Dr. Hae-Cheol Kim	2007-2010
Dr. Jorge Brenner	2007-2009
Dr. Christine Ritter	2000-2002
Dr. Mary Ma	2000 - 2002
Dr. Wonchul Lee	2000 - 2001
Dr. Michael Black	1998 - 1999
Dr. Steven Jarvis	1997 - 1999
Dr. Jian Li	1993 - 1996
Dr. Pascal Riera	1995
Dr. Gérard Blanchard	1990 - 1991
Dr. Donald G. Webb	1989 - 1990
Dr. Eric T. Koepfler	1989 - 1990
Dr. Franky Fiers	1989
Dr. Won Bae Yoon	1986 - 1987

GRANTS & CONTRACTS (TEXAS A&M UNIVERSITY-CORPUS CHRISTI)

- “Sediment Quality Assessment Survey of Lavaca and Matagorda Bays,” Matagorda Bay Mitigation Trust, # , 01/01/2022 - 12/31/2023, \$400,000, Montagna, P.A. (PI).
- “Freshwater Inflows to Texas Bays and Estuaries,” Hershey Foundation, 10/01/2021 – 12/31/2023, #33,000, Montagna, P.A. (PI).
- “NOAA Cooperative Science Center for Coastal and Marine Ecosystems-II,” National Oceanic and Atmospheric Administration #NA21SEC4810004 via subcontract from Florida A&M University #C-5116, 09/1/2021 - 8/31/2022, \$1,218,060, Montagna, P.A. (PI), Gawlik, D. (Co-PI), Gibeaut, J. (Co-PI), Hu, X. (Co-PI), Pollack, J. (Co-PI), Stunz, G. (Co-PI), Wetz, M. (Co-PI)
- “Evaluation of the Proposal for Widening and Deepening the Matagorda Ship Channel,” Matagorda Bay Mitigation Trust #016, 01/06/2021 - 09/30/2021, \$110,028 (Montagna Share \$41,237), P.A. Montagna (PI), J. Gibeaut (Co-PI).

- “Freshwater Inflows to Texas Bays and Estuaries: A State-Wide Review, Synthesis, and Recommendations,” Texas General Land Office 21-155-007-C879, 04/01/2021 – 03/31/2023, \$1,325,449 (Montagna Share \$893,309), P.A. Montagna (PI), J. Gibeaut (Co-PI), X. Hu (Co-PI), J. Pollack (Co-PI), G. Stunz (Co-PI), M. Wetz (Co-PI).
- “Center for Coastal and Marine Ecosystems (CCME),” National Oceanic and Atmospheric Administration #NA16SEC4810009 via subcontract from Florida A&M University #C-5044, 09/1/2021 - 8/31/2022, \$667,782, P. Montagna (PI); J. Fox (Co-PI), J. Gibeaut (Co-PI), R. McLaughlin (Co-PI), G. Stunz (Co-PI), M. Wetz (Co-PI), D. Yoskowitz (Co-PI).
- “Center for Coastal and Marine Ecosystems (CCME) - Supplement,” National Oceanic and Atmospheric Administration #NA16SEC4810009 via subcontract from Florida A&M University #C-5096, 09/1/2021 - 8/31/2022, \$261,369, P. Montagna (PI); J. Gibeaut (Co-PI), R. McLaughlin (Co-PI), G. Stunz (Co-PI), D. Yoskowitz (Co-PI).
- “Long-term Trends in Lavaca-Colorado and Guadalupe Estuaries,” Matagorda Bay Mitigation Trust #011, 03/01/2021 – 12/31/2022, \$159,00, P.A. Montagna (PI).
- “Vulnerability Assessment of Coastal Bend Bays,” Coastal Bend Bays & Estuaries Program #2120, 11/01/2020 – 08/31/2021, \$63,500 (Montagna Share \$36,256), P.A. Montagna (PI), G. Stunz (Co-PI), D. Coffey (Co-PI).
- “Long-Term Benthic Data: Adaptive Management of Three Basins,” Texas Water Development Board, # 2000012436, 07/09/2020 – 12/31/2021, \$150,000, P.A. Montagna (PI).
- “Long-term Benthic Data Informs Adaptive Management of Freshwater Inflow to the Texas Coastal Bend,” Texas Sea Grant, # R/HCE-WQ-4, 02/01/2020 – 01/31/2022, \$287,473, P.A. Montagna (PI).
- “Assessment of the Relationship Between Freshwater Inflow and Biological Indicators in Lavaca Bay,” Texas Water Development Board, # 1800012268, 10/1/2018 - 12/31/2019, \$75,000, P.A. Montagna (PI).
- “Using Comparative Long-term Benthic Data for Adaptive Management of Freshwater Inflow to Three Basins,” Texas Water Development Board, # 1800012223, 2/1/2018 - 8/31/2019, \$135,000, P.A. Montagna (PI).
- “Center for Integrated Modeling and Analysis of Gulf Ecosystems III (C-IMAGE III),” Gulf of Mexico Research Initiative via a subcontract from the University of South Florida # 2500-1720-00-N / SA 18-16, 1/1/2018 – 12/31/2018, \$85,000, P.A. Montagna (PI), D. Portnoy (Co-PI), Montagna Share \$22,370.
- “RAPID: Capturing the Signature of Hurricane Harvey on Texas Coastal Lagoons,” National Science Foundation #1760006, 10/01/2017 09/30/- 2019, \$182,790 (Montagna Share \$76,804), P.A. Montagna (PI), X. Hu (Co-PI), M.S. Wetz (Co-PI).
- “Developing a set of recommendations and implementation strategy for management of environmental flows delivered to upper Rincon Bayou by the Rincon Bayou Pipeline,” Coastal Bend Bays & Estuaries Program #1817, 09/01/2017 - 8/31/2019, \$30,000, P.A. Montagna (PI).
- “Modeling and Decision Support Tools for Management of Nutrients in the Gulf of Mexico,” National Oceanic and Atmospheric Administration via subcontract from Gulf Coastal Oceanic Observing System, 09/01/2017 - 8/31/2019, \$50,000, P.A. Montagna (PI).
- “Estuaries and Coasts, Editor in Chief,” Coastal and Estuarine Research Federation, 01/01/2017 - 12/31/2021, \$50,000, P.A. Montagna (PI).
- “Enhanced Monitoring of Human Impacts in Cold Regions,” US Army W913E5-16-C-0006 via subcontract from Texas A&M University, 08/15/2016-08/14/2018, \$95,000, P.A. Montagna, (PI).
- “Macrobenthos Monitoring in Mid-Coastal Estuaries – 2016,” Texas Water Development Board, # 1600011924, 1/1/2016 - 8/31/2017, \$59,000, P.A. Montagna (PI).
- “Genomic Responses to the Deepwater Horizon Event and Development of High-Throughput Biological Assays for Oil Spills,” Gulf of Mexico Research Initiative via a subcontract from University of New Hampshire, 1/1/2016 - 12/31/2019, \$843,871, P.A. Montagna (PI).
- “Determining the effects on Benthic Macrofauna from pumped flows into Rincon Bayou,” Coastal Bend Bays & Estuaries Program, # 1617, 9/1/2015 - 8/31/2016, \$48,600, P.A. Montagna (PI).
- “Disappearing Benthic Communities: Climate, Inflow, Both, or Something Else?” Rachel and Ben Vaughn Foundation, 12/1/2015 - 8/31/2016, \$25,000, P.A. Montagna (PI).
- “Freshwater Inflow Toolkit Project,” Mitchell Foundation, 9/1/2015 - 8/31/2016, \$50,000, P.A. Montagna (PI).
- “Freshwater Inflow Toolkit Project,” TLL Temple Foundation, 9/1/2015 - 8/31/2016, \$50,000, P.A. Montagna (PI).
- “The Effect of the Deepwater Horizon Oil Spill on Human Wellbeing in the Gulf of Mexico,” Gulf Research Program, National Academy of Science, # NAS 2000005982, 09/01/2015-09/01/2016, \$118,000, P.A. Montagna (PI).
- “The Hydrological Switch: A Novel Mechanism Explains Eutrophication and Acidification of Estuaries,” National Center for Coastal Ocean Science, National Oceanic and Atmospheric Administration, # NA15NOS4780185, 09/01/2015-08/31/2018, \$1,255,080 (Montagna Share \$264,762), P.A. Montagna (PI), R. Byrne (Co-PI), X. Hu (Co-PI), H.-C. Kim (Co-PI), Z. Liu (Co-PI), M. Wetz (Co-PI).

- “Texas Environmental Flows Initiative Ecological Benefit Analysis of Candidate Water Rights,” National Fish and Wildlife Foundation, # 6002.15.049317, 6/1/2015 – 12/31/2018, \$520,853, P.A. Montagna (PI).
- “Freshwater Inflow Needs of Apalachicola Bay,” Florida Department of Environmental Protection, 2/1/2015 - 6/30/2015, \$69,772, P.A. Montagna (PI).
- “Toward Enhanced Monitoring of Human Impacts in Cold Regions,” DOD Cold Regions Research Engineering Laboratory #W913E5-15-C-0001, 2/1/2015 - 1/31/2016, \$55,000, P.A. Montagna (PI).
- “Center for Integrated Modeling and Analysis of Gulf Ecosystems II (C-IMAGE II),” Gulf of Mexico Research Initiative via a subcontract from the University of South Florida, 1/1/2015 – 12/31/2017, J.W. Tunnell (PI), P. Montagna (Co-PI) with share of \$329,595.
- “Assessing Potential Post-Spill Benthic Impacts from the Deepwater Horizon Oil Spill-Amendment 8,” National Oceanic and Atmospheric Administration via a subcontract from Industrial Economics, Inc. #5700-TAMUCC DBENTHIC110A, 12/23/2014 - 12/22/2015, \$794,636, P.A. Montagna (PI).
- “Determining Optimal Pumped Flows to Nueces Delta Texas,” Water Development Board #1548311787 12/15/2014-06/30/2016, \$60,000, P.A. Montagna (PI).
- “Post-doctoral Support Program-Monitoring the biodiversity of benthic macrofauna,” TAMUCC Texas Research Development Fund, 9/1/2014 - 6/30/2015, \$30,000, P.A. Montagna (PI).
- “Environmental Cooperative Science Center: A Regional Ecosystem Approach for the Conservation and Sustainable Management of Coastal and Marine Resources” NOAA #NA11SEC4810001 via subcontract from Florida A&M University, 9/1/2014 - 8/31/2016 J.W. Tunnell (PI); J. Gibeaut, R. McLaughlin, P. Montagna, G. Stunz, D. Yoskowitz (Co-PI’s); \$413,293 Montagna Share.
- “Determining the effects on Benthic Macrofauna from pumped flows into Rincon Bayou” Coastal Bend Bays & Estuaries Program # 1517, 9/1/2014 - 8/31/2015, \$48,600, P.A. Montagna (PI).
- “Evaluating Groundwater/Surface-Water Inflow and Nutrient Transport to Texas Coastal Embayments,” Texas SeaGrant, 9/1/2014 - 8/31/2016, D. Murgelet (PI), P. Montagna (Co-PI), \$17,194 (Montagna share).
- “Corpus Christi Desalination Pilot Study,” City of Corpus Christi, via a subcontract from Freese and Nichols, Inc., 7/2/2014 - 12/31/2015, J.W. Tunnell (PI), J. Gibeaut (Co-PI), R. McLaughlin (Co-PI), P. Montagna (Co-PI), G. Stunz (Co-PI); (Montagna share \$15,421).
- “Macrobenthos Monitoring In Mid-Coastal Estuaries – 2014,” Texas Water Development Board #1448311638, 5/1/2014 - 12/31/2015, \$44,000, P.A. Montagna (PI).
- “Assessing Potential Post-Spill Benthic Impacts from the Deepwater Horizon Oil Spill” National Oceanic and Atmospheric Administration via a subcontract from Industrial Economics, Inc., 1/15/2014 - 9/22/2014, \$523,981, P.A. Montagna, (PI).
- “Effects on Benthic Macrofauna from Pumped Flows in Rincon,” Coastal Bend Bays & Estuaries Program, Project 1417, 09/23/2013-11/30/2014, \$26,000, P.A. Montagna, (PI).
- “Human Impacts on the Environment at High Latitudes: Fate, Effects, and Transport of Contaminants Near an Antarctic Scientific Base,” US Army W913E5-13-C-0002 via subcontract from Texas A&M Research Foundation, 03/18/2013-12/31/2014, \$54,692, P.A. Montagna, (PI).
- “Dissolved Oxygen Monitoring and Modeling of Oso Bay,” RPS Espey, 02/01/2013-05/30/2014, \$65,000, P.A. Montagna, (PI).
- “Minimum Flow and Level Analysis of Benthic Macrofaunal in the Caloosahatchee Estuary,” South Florida Water Management District, PO4500071842, 12/6/2012 - 12/6/2013, \$29,568, P.A. Montagna, (PI).
- “Assessing Potential Post-Spill Benthic Impacts from the Deepwater Horizon Oil Spill,” National Oceanic and Atmospheric Administration via a subcontract from Industrial Economics, Inc., 9/23/2012 - 12/31/2013, \$837,537, P.A. Montagna, (PI).
- “Macrobenthos Monitoring in Mid-Coastal Estuaries – 2012,” Texas Water Development Board, 01/01/2012 - 12/31/2012, \$30,000, P.A. Montagna, (PI).
- “Footprint of Human Impacts in Cold Climate: Lessons at McMurdo Station, Antarctica – Phase 8,” US Army W913E5-12-C-0006 via subcontract from Texas A&M Research Foundation, 12/5/2011-12/31/2012, \$54,692, P.A. Montagna, (PI).
- “Modeling and Analysis Tools For Nutrient Dynamics in the Gulf of Mexico,” National Oceanic and Atmospheric Administration award number NA11NOS0120024 via a subcontract from Texas A&M Research Foundation, 06/01/2011 – 05/31/2014, \$58,360, P.A. Montagna, (PI).
- “Environmental Cooperative Science Center: A Regional Ecosystem Approach for the Conservation and Sustainable Management of Coastal and Marine Resources,” National Oceanic and Atmospheric Administration award number NA11SEC4810001 via a subcontract from Florida A&M University, 09/01/2011 – 08/31/2016, J.W. Tunnell, (PI), P.A. Montagna (Co-P.I with \$71,824 share).

- “Status and Trends in the Corpus Christi Bay Area – Phase 2: Data Analysis,” Coastal Bend Bays & Estuaries Program, Project 1105, 10/11/2011-8/30/2012, \$40,000, P.A. Montagna, (PI).
- “Integrated Multi-scale Study of Climatic Impacts on Watershed and Downstream Coastal Environments,” Estuary Modeling Component, Funded by National Aeronautics & Space Administration Award Number, NNX11AE42G via a subcontract from the University of Texas at Austin award UTA11-000400, 06/01/2011 - 05/31/2012, \$50,000, P.A. Montagna, (PI).
- “Deepwater Sediment Sampling to Assess Potential Post-Spill Benthic Impacts from the Deepwater Horizon Oil Spill,” National Oceanic and Atmospheric Administration via a subcontract from Industrial Economics, Inc., 5/1/2011 -12/31/2012, \$1,286,344, P.A. Montagna, (PI).
- “Long Term Monitoring of Human Impacts at McMurdo Station, Antarctica – Phase 7,” US Army W913E5-11-C-0004 via subcontract from Texas A&M Research Foundation, 1/18/2011-06/30/2012, \$45,754, P.A. Montagna, (PI).
- “Status and Trends in the Corpus Christi Bay Area – Phase 1: Data Archiving and Publishing,” Coastal Bend Bays & Estuaries Program, Project 1105, 1/1/2011-8/30/2011, \$50,000, P.A. Montagna, (PI).
- “Effect of Freshwater Inflow On Macrobenthos Productivity In The Guadalupe Estuary – 2011,” Texas Water Development Board, 10/1/2010 8/31/2011, \$40,000, P.A. Montagna, (PI).
- “Impacts of Droughts and Low Flows on Estuarine Health and Productivity,” Texas Water Development Board, 9/1/2010 12/31/2011, \$40,000, P.A. Montagna, (PI).
- “Modeling to Enhance Nutrient Criteria Development.” Texas Research Development Fund, 9/1/2010 - 8/30/2011, \$16,000, P.A. Montagna, (PI).
- “Long Term Monitoring of Human Impacts at McMurdo Station, Antarctica – Phase 6,” US Army W913E5-09-C-0017 via subcontract from Texas A&M Research Foundation S, 5/6/2010-5/25/2011, \$45,754, P.A. Montagna, (PI).
- “Assessment and Prioritization of Gulf of Mexico Coastal Ecosystems Affected by Alterations in Freshwater Inflow. Funded by U.S. Environmental Protection Agency, EPA-GM-2009-1, 04/01/2010 – 03/31/2012, \$210,680, P.A. Montagna, (PI).
- “Corpus Christi Bay Habitat Management Plan. Phase 2.” Coastal Bend Bays & Estuaries Program, Project 1018, 10/1/2009-12/30/2010, \$60,000, P.A. Montagna, (PI).
- “Evaluation of Marine Productivity Study For The OCS Planning Areas: Secondary And Tertiary Production” U.S. Minerals Management Service via subcontract from CSA International, 9/18/2009-8/30/2010, \$59,120, P.A. Montagna, (PI).
- “Shell Bank: An Oyster Shell Reclamation, Storage and Recycling Program for Oyster Reef Restoration,” Texas General Land Office, 10/1/2009-9/30/2010, \$97,034, P.A. Montagna, (PI), J. Beseres Pollack (Co-PI), J. Fox (Co-PI).
- “Rincon Bayou Diversion Project, Biological Monitoring, Year 9: 2009-2010,” City of Corpus Christi, 10/1/2009-9/30/2010, \$55,000, P.A. Montagna, (PI).
- “Nueces Delta Ecological Modeling for Nueces River and Tributaries Texas,” US Army Corp of Engineers W9126G-09-T0076, 8/1/2009-8/30/2011, \$240,000, P.A. Montagna, (PI), H.-C. Kim (Co-PI).
- “Establishing Standard Water Quality Criteria Using Satellite Products of Texas,” National Aeronautics & Space Administration, 9/15/2009-9/14/2011, \$200,000, P.A. Montagna (PI).
- “Collaborative Research-TAMUCC-KMI,” Korean Marine Institute, 8/1/3809-12/31/2009, \$30,000, P.A. Montagna (PI).
- “CAMEO: Building the Foundation - An Integrative Approach to Managing the Dewatering of Estuaries,” National Oceanic and Atmospheric Administration NA09NMF4720179, 6/1/2009-5/31/2012, \$454,180, P.A. Montagna, (PI), J. Gibeaut (Co-PI), R. McLaughlin (Co-PI), T. Shirley (Co-PI), G. Stunz (Co-PI), D. Yoskowitz (Co-PI), H.-K. Kim (Co-PI), J.B. Pollack (Co-PI).
- “Long Term Monitoring of Human Impacts at McMurdo Station, Antarctica – Phase 5,” US Army W913E5-09-C-0007 via subcontract from Texas A&M Research Foundation S090057, 5/5/2009-5/4/2010, \$45,754, P.A. Montagna, (PI).
- “Environmental Effects of Water Withdrawals from the St. Johns River - Phase 2,” St. Johns River Water Management District, 24948, 1/1/2009-12/31/2010, \$30,000, P.A. Montagna, (PI).
- “Colorado River Flow Relationship to Bay Health: Benthic Indicators-2009,” Lower Colorado River Authority, 1/1/2009-12/31/2009, \$60,000, P.A. Montagna, (PI).
- “Comprehensive Habitat Management Plan for Coastal Bend Bays and Estuaries,” U.S. EPA# CE- 98685806 via subcontract from the Coastal Bend Bays & Estuaries Program Project 0708, 10/1/2008-8/30/2009, \$65,000, P.A. Montagna, (PI).

- “Effect of Freshwater Inflow on Macrobenthos Productivity in the Guadalupe Estuary.” Texas Water Development Board, 11/1/2008-9/30/2009, \$20,000, P.A. Montagna, (PI).
- “Rincon Bayou Diversion Project, Biological Monitoring, Year 8: 2008-2009,” City of Corpus Christi, 10/1/2008-9/30/2009, \$59,383, P.A. Montagna, (PI).
- “Collaborative Research for Energy, Environment, & Security In The Gulf of Mexico,” Texas Research Development Fund, 9/1/2008-8/30/2009, \$28,000, P.A. Montagna, (PI).
- “MRI Acquisition of Equipment to Quantify Environmental Conditions in Estuarine Systems,” National Science Foundation Award # , 9/1/2008-8/30/2011, \$389,542, L. Smee (P.I.), P. Montagna, A. Mestas-Nunez, G.W. Stunz, and R.D. Overath (Co-PI’s).
- “Colorado River Flow Relationship to Bay Health: Drought Analyses,” Lower Colorado River Authority, 1/1/2008-12/31/2008, \$7,000, P.A. Montagna, (PI)
- “Environmental Effects of Water Withdrawal From The St. John’s River.” Funded by the St. Johns River Water Management District, 03/23/2008 – 09/30/2008, \$30,000, P.A. Montagna, (PI).
- “McMurdo Station Long-Term Monitoring-Biological and Toxicological Sampling, Analyses, and Data Synthesis-Phase 4.” Funded by the Department of Defense-Army-Engineering Research & Development Center-Cold Regions Research and Engineering Laboratory via subcontract No., S07001 from the Texas A&M Research Foundation, 11/07/2008 – 08/31/2008, \$43,575, P.A. Montagna, (PI)
- “Colorado River Flow Relationship to Bay Health: Benthic Indicators - 2008.” Funded by the Lower Colorado River Authority, 01/01/2008 -12/31/2009, \$60,000, P.A. Montagna, (PI).
- “Effect of Climatic Variability on Freshwater Inflow, Benthic Communities, and Secondary Production in Texas Lagoonal Estuaries (Year 2).” Funded by Texas Water Development Board, contract 804830791, 09/01/2007 - 12/31/2008, \$40,000, P.A. Montagna, (PI).
- “Using Satellite Data and Fully Coupled Regional Hydrologic, Ecological, and Atmospheric Models to Study Complex Coastal Environmental Processes: Estuary Ecology.” Funded by National Aeronautics & Space Administration Award Number, NNX07AL79G via a subcontract from the University of Texas at Austin award UTA07-522, 05/10/2007 - 05/09/2011, \$148,000, P.A. Montagna, (PI).
- “Rincon Bayou Diversion Project, Biological Monitoring, Year 7: 2007-2008.” Funded by City of Corpus Christi, contract 6368, 01/10/07 – 09/30/2008, \$58,500, P.A. Montagna.
- “Hypoxia Characterization in Corpus Christi Bay.” Funded by Coastal Bend Bays & Estuary Program, project 08-17, 10/18/2007 - 08/31/2008, \$30,000, P.A. Montagna, (PI).
- “Nueces Delta Fauna Data.” Funded by Coastal Bend Bays & Estuary Program, project 08-21, 10/18/2007 - 11/30/2007, \$25,000, P.A. Montagna, (PI).
- “Observation Data Model (ODM) on Rincon Bayou in the Nueces Delta.” Funded by Coastal Bend Bays & Estuary Program, project 08-18, 10/18/2007 - 11/30/2008, \$40,000, P.A. Montagna, (PI).
- “McMurdo Station Long-Term Monitoring-Biological and Toxicological Sampling, Analyses, and Data Synthesis-Phase 3.” Funded by the Department of Defense-Army-Engineering Research & Development Center-Cold Regions Research and Engineering Laboratory via subcontract No., S07001 from the Texas A&M Research Foundation, 09/01/2007 – 08/31/2008, \$43,575, P.A. Montagna, (PI).
- “Colorado River Flow Relationship to Bay Health: Benthic Indicators.” Funded by the Lower Colorado River Authority, 01/01/2007 -12/31/2007, \$95,000. P.A. Montagna, (PI).
- “Valuing Nature in Texas.” Funded by Houston Advanced Research Center, 11/1/2006 – 08/31/2007, \$87,075, P.A. Montagna (PI) and D. Yoskowitz Co-P.I.
- “An Environmental Information System for Hypoxia in Corpus Christi Bay: A WATERS Network Test Bed.” Funded by National Science Foundation Award # 0610034 via a subcontract from the University of Texas at Austin, 9/1/2006 – 7/31/2008, \$12,011, P.A. Montagna, (PI).
- “Long-Term Response of Benthic Organisms to Freshwater Inflow in Texas Coastal Bend Estuaries.” Funded by Texas Parks and Wildlife Department, 09/01/2006 – 12/31/2007,\$130,000. P.A. Montagna, (PI)
- “Congo Canyon Project, Benthic Analyses.” Funded by TDI-Brooks International, Inc., 01/09/2006 – 05/31/2007, \$16,571, P.A. Montagna, (PI).
- “Rincon Bayou Diversion Project, Biological Monitoring, Year 6: 2006-2007.” Funded by the City of Corpus Christi, 10/01/2006 – 09/31/2007, \$58,500, P.A. Montagna, (PI).
- “Effect of Freshwater Inflow on Macrobenthos Productivity in Minor Bay and River-Dominated Estuaries – Synthesis.” Funded by the Texas Water Development Board via a subcontract from the University of Texas at Austin, 09/1/2006 – 05/31/2007, \$18,058, P.A. Montagna, (PI).

- “Effect of Climatic Variability on Freshwater Inflow, Benthic Communities, and Secondary Production in Texas Lagoonal Estuaries.” Funded by the Texas Water Development Board, 09/01/2006 – 12/31/2007, \$34,000, P.A. Montagna, (PI).
- “Oyster Reef Restoration in Copano Bay, Texas.” Funded by the National Oceanic and Atmospheric Administration via a subcontract from The Nature Conservancy, 12/1/2006 – 2/28/2008, \$19,200, P.A. Montagna, (PI).
- “McMurdo Station Long Term Monitoring-Biological and Toxicological Sampling, Analyses, and Data Synthesis-Phase 2.” 07/20/2006 - 07/19/2007, Funded by the Department of Defense-Army-Engineering Research & Development Center-Cold Regions Research and Engineering Laboratory via subcontract No., S07001 from the Texas A&M Research Foundation, \$83,000, P.A. Montagna, (PI).

GRANTS & CONTRACTS (UNIVERSITY OF TEXAS AT AUSTIN)

- “Application for Assistance under the Coastal Zone Management Act, Texas National Estuarine Research Reserve.” 09/01/2006 - 2/29/2008, National Oceanic and Atmospheric Administration, \$465,000, P.A. Montagna, (PI).
- “Human Dimensions Roundtable and Social Science Strategy.” 08/01/2006 - 7/31/2006, Coastal Service Center, National Oceanic and Atmospheric Administration, \$20,000, P.A. Montagna, (PI)
- “Application for Assistance under the Coastal Zone Management Act, Texas National Estuarine Research Reserve Construction.” 07/01/2006 - 12/31/2007, National Oceanic and Atmospheric Administration, \$1,064,501, P.A. Montagna, (PI).
- “Application for Assistance under the Coastal Zone Management Act, Texas National Estuarine Research Reserve Acquisition.” 07/01/2006 - 6/30/2007, National Oceanic and Atmospheric Administration, \$1,636,000, P.A. Montagna, (PI).
- “NGOMEX 2006: Reproductive and Population Effects of Moderate Hypoxia.” 08/01/2006 - 07/31/2009, National Oceanic and Atmospheric Administration, \$445,281, Peter Thomas (PI); (\$255,981, P.A. Montagna, Co-PI).
- “Collaborative Research: An Environmental Information System for Hypoxia in Corpus Christi Bay: A WATERS Network Testbed.” 06/01/2006 - 05/31/2009, National Science Foundation, \$220,141, David Maidment, (PI); (\$33,000 P.A. Montagna, Co-P.I.).
- “Tres Palacios Bay Dissolved Oxygen TMDL Project.” 04/01/2006 - 08/31/2007, Texas General Land Office, \$78,925, P.A. Montagna, (PI).
- “Long-Term Response of Benthic Organisms to Freshwater Inflow in Texas Estuaries.” 02/16/2006 - 06/30/2007, Texas Parks and Wildlife Department, \$137,700, P.A. Montagna, (PI).
- “Colorado River Flow Relationship to Bay Health: Benthic Indicators.” 01/01/2006 - 12/31/2006, Funded by Lower Colorado River Authority Purchase Order 40673, \$110,003, P.A. Montagna, (PI).
- “Examination of the Physical and Biological Implications of Using Buried Channel Deposits and Other Non-Topographic Offshore Features as Beach Nourishment Material: Benthic Analyses.” 09/08/05 - 08/31/07, Funded by U.S. Department of Interior, Minerals Management Service via a subcontract from W.F. Baird & Associates, \$45,696.51, P.A. Montagna, (PI).
- “Rincon Bayou Diversion Project - Biological Monitoring, Year 5.” 10/01/05 - 09/30/06, Funded by City of Corpus Christi, \$264,247, Ken Dunton, (PI); (\$60,375, P.A. Montagna, Co-P.I.).
- “Effect of freshwater inflow on macrobenthos productivity in minor bays and river-dominated estuaries-Synthesis.” 09/1/05 - 06/30/06, Funded by Texas Water Development Board, \$33,670. P.A. Montagna, (PI).
- “Matagorda and Tres Palacios Bays Dissolved Oxygen Total Maximum Daily Load (TMDL), Work Order 7.” 9/1/2005 - 12/31/2005, Funded by Texas Commission on Environmental Quality, \$38,476. P.A. Montagna, (PI).
- “Temporal Variability in Natural and Anthropogenic Disturbances at McMurdo Station, Antarctica: Marine Benthos and Toxicology.” 06/01/2005 - 05/31/2006, Funded by the Department of Defense-Army-Engineering Research & Development Center-Cold Regions Research and Engineering Laboratory via subcontract No., S050105 from the Texas A&M Research Foundation, \$41,500. P.A. Montagna, (PI).
- “Monitoring hypoxia (low oxygen) conditions in Corpus Christi Bay.” 06/01/05 - 01/31/06, Funded by Coastal Bend Bays & Estuaries Program, \$3,000. P.A. Montagna, (PI).
- “Watershed Development and Climate Change Effects on Environmental Flows and Estuarine Function.” 03/01/2005 - 02/28/2006, Funded by U.S. Dept. Of Interior-U.S. Geological Survey via subcontract No., 5702501 from the Texas Agricultural Experiment Station, \$5,000. P.A. Montagna, (PI).
- “Response of Benthic Organisms to External Conditions in Matagorda Bay.” 01/01/2005 - 12/31/2005, Funded by Lower Colorado River Authority, \$50,614. G. Ward, (PI); P.A. Montagna, Co-P.I.
- “Rincon Bayou Diversion Project - Biological Monitoring, Year 4.” 10/01/04 - 09/30/05, Funded by City of Corpus Christi, \$228,296, Ken Dunton, (PI); (\$56,978, P.A. Montagna, Co-P.I.).

- “Effect of freshwater inflow on macrobenthos productivity in minor bays and river-dominated estuaries-FY05.” 09/1/04 - 02/28/06, Funded by Texas Water Development Board, \$42,800. P.A. Montagna, (PI).
- “Matagorda, Tres Palacios and Carancahua Bays dissolved oxygen and pH total maximum daily load (TMDL), Work Order 6.” 9/1/2004 - 8/1/2005, Funded by Texas Commission on Environmental Quality, \$70,000. P.A. Montagna, (PI).
- “Application for Predesignation Assistance: Completion of the Draft Environmental Impact Statement/Draft Management Plan.” 09/01/04 - 02/28/06, funded by National Oceanic and Atmospheric Administration, \$25,000. P.A. Montagna, (PI).
- “Response of Benthic Organisms to External Conditions in Matagorda Bay.” 09/01/2004 - 12/31/2004, Funded by Lower Colorado River Authority, \$12,550. G. Ward, (PI); P.A. Montagna, Co-P.I.
- “Benthic Survey of the Niger River Delta,” 08/01/04 - 04/15/05, Funded by TDI Brooks International, \$69,576. P.A. Montagna, (PI).
- “Monitoring hypoxia (low oxygen) conditions in Corpus Christi Bay.” 06/01/04 - 01/31/05, Funded by Coastal Bend Bays & Estuaries Program, \$3,000. P.A. Montagna, (PI).
- “Matagorda, Tres Palacios and Carancahua Bays dissolved oxygen and pH total maximum daily load (TMDL), Work Order 5.” 5/24/2004 - 8/31/2004, Funded by Texas Commission on Environmental Quality, \$50,000. P.A. Montagna, (PI).
- “Temporal Variability in Natural and Anthropogenic Disturbances at McMurdo Station, Antarctica.” 11/01/2003 - 11/30/2004, Funded by National Science Foundation (OPP-0354573), via subcontract from the Texas A&M Research Foundation, \$8,724. P.A. Montagna, (PI).
- “Rincon Bayou Diversion Project - Biological Monitoring, Year 3.” 10/01/03 - 09/30/04, Funded by City of Corpus Christi, \$191,545, Ken Dunton, (PI); (\$55,281, P.A. Montagna, Co-P.I.).
- “Effect of freshwater inflow on macrobenthos productivity in minor bays and river-dominated estuaries-FY04.” 09/1/03 - 08/31/04, Funded by Texas Water Development Board, \$42,848. P.A. Montagna, (PI).
- “Proposed Texas National Estuarine Research Reserve System. Predesignation assistance & Draft EIS/MP.” 09/01/03 - 02/28/05, funded by National Oceanic and Atmospheric Administration, \$50,000. P.A. Montagna, (PI).
- “Monitoring hypoxia (low oxygen) conditions in Corpus Christi Bay.” 06/01/03 - 01/31/04, Funded by Coastal Bend Bays & Estuaries Program, \$3,000. P.A. Montagna, (PI).
- “Rincon Bayou Diversion Project - Biological Monitoring, Year 2.” 10/01/02 - 09/30/03, Funded by City of Corpus Christi, \$165,748, Ken Dunton, (PI); (\$52,079, P.A. Montagna, Co-P.I.).
- “Verification of Bay Productivity Measurement by Remote Sensors.” 09/1/02 - 07/31/04, Funded by Texas Water Development Board, \$30,000. P.A. Montagna, (PI).
- “Proposed Texas National Estuarine Research Reserve System. Site Selection Work Plan and Application for Predesignation Assistance.” 09/01/02 - 02/28/04, funded by National Oceanic and Atmospheric Administration, \$25,000. P.A. Montagna, (PI).
- “Effect of freshwater inflow on macrobenthos productivity in minor bays and river-dominated estuaries-FY03.” 09/1/02 - 08/31/03, Funded by Texas Water Development Board, \$54,944. P.A. Montagna, (PI).
- “Monitoring hypoxia (low oxygen) conditions in Corpus Christi Bay.” 07/01/02 - 01/31/03, Funded by Coastal Bend Bays & Estuaries Program, \$3,000. P.A. Montagna, (PI).
- “Rincon Bayou Diversion Project - Biological Monitoring, Year 1.” 10/01/01 - 09/30/02, Funded by City of Corpus Christi, \$118,192, Ken Dunton, (PI); (\$24,079, P.A. Montagna, Co-P.I.).
- “Effect of freshwater inflow on macrobenthos productivity in minor bays and river-dominated estuaries-FY02.” 09/1/01 - 08/31/02, Funded by Texas Water Development Board, \$45,813. P.A. Montagna, (PI).
- “Lavaca Bay Mercury and Dissolved Oxygen Total Maximum Daily Load (TMDL).” 04/30/01 - 03/31/03, Funded by Texas Natural Resource Conservation Commission. \$96,767. P.A. Montagna, (PI).
- “GIS database of hypoxia (low oxygen) conditions in Corpus Christi Bay, Texas.” 12/11/00 - 3/31/02, Funded by Texas General Land Office, Coastal Management Program, \$38,735. P.A. Montagna, (PI).
- “Effect of freshwater inflow on macrobenthos productivity in minor bays and river-dominated estuaries-FY01.” 10/1/00 - 10/31/01, Funded by Texas Water Development Board, \$40,000. P.A. Montagna, (PI).
- “ASpatial and Temporal Scales of Human Disturbance - McMurdo Station, Antarctica.” 10/15/99 - 10/14/02, Funded by National Science Foundation, via subcontract from the Texas A&M Research Foundation, \$140,752. P.A. Montagna, (PI).
- “Deepwater program: Northern Gulf of Mexico continental slope habitats and benthic ecology (D’OMB). Meiofauna and statistical design.” 8/31/99 - 8/30/03, Funded by U.S. Minerals Management Service, via subcontract from the Texas Engineering Experiment Station, \$618,681. P.A. Montagna, (PI).

- "Effect of freshwater inflow on macrobenthos productivity and nitrogen losses in Texas estuaries." 9/1/99 - 8/31/00, Funded by Texas Water Development Board, \$30,312. P.A. Montagna, (PI).
- "Cause and effects of hypoxia (low oxygen) in Corpus Christi Bay, Texas." 10/01/99 - 9/30/00, Funded by Texas General Land Office, Coastal Management Program, \$47,471. P.A. Montagna, (PI).
- "Biological monitoring of the effects in Rincon Delta and Nueces Bay of the Allison wastewater diversion project." 10/1/98 - 9/30/00, Funded by City of Corpus Christi, \$177,984. P.A. Montagna, P. Director.
- "Effect of freshwater inflow on macrobenthos productivity and nitrogen losses in Texas estuaries." 9/1/98 - 8/31/99, Funded by Texas Water Development Board, \$30,312. P.A. Montagna, (PI).
- "Using Systematics of Harpacticoida to Determine Susceptibility of Environments to Nonindigenous Species Introductions." 9/01/97 - 2/28/99, Funded by National Fish & Wildlife Federation, \$15,000 P.A. Montagna, (PI).
- "Effect of freshwater inflow on macrobenthos productivity and nitrogen losses in Texas estuaries." 9/1/97 - 8/31/98, Funded by Texas Water Development Board, \$30,312. P.A. Montagna, (PI).
- "A new molecular and statistical approach to measure anthropogenic impacts." 3/1/97 - 2/28/98. Funded by NOAA, Sea Grant, Texas A&M University, \$58,906 P.A. Montagna, (PI).
- "Rincon Bayou-Nueces marsh wetlands restoration and enhancement project: infaunal population dynamics." 2/15/97- 2/14/99. Funded by Texas Water Development Board, \$63,400 P.A. Montagna, Co-P.I.
- "Developing a new monitoring tool for benthic organisms in the Gulf of Mexico: loss of genetic variability in meiofaunal populations" 12/1/1996 - 8/31/00, Funded by U.S. EPA, \$283,000. P.A. Montagna, (PI).
- "Stability and change in Gulf of Mexico chemosynthetic communities." 11/1/96 - 2/28/00, Funded by U.S. DOI, Minerals Management Service via a subcontract from Texas A&M Research Foundation, \$28,358. P.A. Montagna, (PI).
- "Selection, settlement and growth of hard bottom epifauna in the Mississippi-Alabama pinnacle shelf habitat." 10/1/96 - 9/30/00, Funded by U.S. Geological Survey via a subcontract from Continental Shelf Associates, \$196,683. P.A. Montagna, (PI).
- "Effect of freshwater inflow on macrobenthos productivity and nitrogen losses in Texas estuaries." 9/1/96 - 8/31/97, Funded by Texas Water Development Board, \$30,312. P.A. Montagna, (PI).
- "Sediment quality assessment of storm drain out-falls and other sites in the Corpus Christi Bay National Estuary Program Study Area." 9/1/96 - 8/31/97, Funded by the Texas Natural Resource Conservation Commission via subcontract from Texas A&M University-Corpus Christi, \$41,032. P.A. Montagna, (PI).
- "Why has the Texas brown tide persisted for over five years?" 1/1/96-12/31/98. Funded by the Texas Advanced Research Program, \$121,410. E.J. Buskey (P.I.), (\$47,905 P.A. Montagna, Co-PI).
- "Modeling and monitoring long-term change in macrobenthos and nitrogen losses in Texas estuaries." 1995-1996. Funded by Texas Water Development Board, \$68,358. P.A. Montagna, (PI).
- "Characterization of the effects of anthropogenic and natural influences on vegetated and unvegetated bay bottom habitats in the Corpus Christi Bay National Estuary Program Study Area" 1995-1996. Funded by Texas Natural Resource Conservation Commission, \$49,983. P.A. Montagna (PI), K. H. Dunton (Co-PI), S.A. Holt (Co-PI).
- "Conceptual ecosystem model of the Corpus Christi Bay National Estuary Program Study Area" 1994-1995. Funded by Texas Natural Resource Conservation Commission and U.S. Environmental Protection Agency. \$20,000.
- "Rincon Bayou-Nueces marsh wetlands restoration and enhancement project: infaunal population dynamics." 1994-1997. Funded by Texas Water Development Board, \$83,350.
- "Inflow needs assessment: effect of the Colorado River diversion on benthic communities: year 2." 1994-1995. Funded by Lower Colorado River Authority, \$8,380, P.A. Montagna, (PI).
- "Effect of freshwater inflow on macrobenthos productivity and nitrogen losses in Texas estuaries. Year 2." 1994-1995. Funded by Texas Water Development Board, \$26,312, P.A. Montagna, (PI).
- "Effect of freshwater inflow on macrobenthos productivity and nitrogen losses in Texas estuaries." 1993-1994. Funded by Texas Water Development Board, \$26,312. P.A. Montagna, (PI).
- "Long-term effect of climate on freshwater inflow and benthos in the Nueces Estuary." 1993-1995. Funded by Texas A&M University Sea Grant College Program, \$59,152. P.A. Montagna, (PI).
- "Inflow needs assessment: effect of the Colorado River diversion on benthic communities". 1993. Funded by Lower Colorado River Authority, \$8,856. P.A. Montagna, (PI).
- "La Quinta Channel Environmental Assessment: Benthic Diversity". 1993. Funded by Coastal Bend Bays Foundation, \$10,000. P.A. Montagna, (PI).
- "Meiofaunal grazing as a functional response to the rate of food production". 1993. Funded by the French NATO Program, \$6,000, P.A. Montagna, (PI).
- "Predicting long-term effects of freshwater inflow on macrobenthos in the Lavaca-Colorado and Guadalupe Estuaries, Year 3". 1992-1993. Funded by the Texas Water Development Board, \$25,244, P.A. Montagna, (PI).

- “GOOMEX: Gulf of Mexico Offshore Operations Monitoring Experiment: Phase 1: Sublethal responses to contaminant exposure. Optional Study: Meiofauna toxicity testing.” 1993-1994. Funded by U.S. Department of Interior, Minerals Management Service, via subcontract from Texas A&M Research Foundation, \$86,357. P.A. Montagna, (PI).
- “GOOMEX: Gulf of Mexico Offshore Operations Monitoring Experiment: Phase 1: Sublethal responses to contaminant exposure. Meiofauna community structure.” 1992-1995. Funded by U.S. Department of Interior, Minerals Management Service, via subcontract from Texas A&M Research Foundation, \$458,000. P.A. Montagna, (PI).
- “Investigation of ecological effects of a persistent Brown Tide in Laguna Madre.” 1991-1993. Funded by the Texas Advanced Technology Program, \$490,000, K. Dunton and E. Buskey (P.I.), P.A. Montagna (Co-PI with \$32,857 share).
- “Predicting long-term effects of freshwater inflow on macrobenthos in the Lavaca-Colorado and Guadalupe Estuaries, Year 2.” 1991-1992. Funded by the Texas Water Development Board, \$16,942, P.A. Montagna, (PI).
- “What maintains the high finfish productivity in the Laguna Madre Estuary?” 1990-1991. Supplemental grant for a minority graduate student funded by Texas Higher Education Coordinating Board, \$13,124, P.A. Montagna, (PI).
- “Comparison of ecosystem structure and function of created and natural seagrass habitats in Laguna Madre, Texas.” 1990-1992. Funded by U.S. Environmental Protection Agency Gulf of Mexico Program, \$30,000, P.A. Montagna, (PI).
- “Harpacticoida (Crustacea: Copepoda) from the California continental shelf.” 1990-1992. Funded by the U.S. Department of the Interior, Minerals Management Service, \$24,470, P.A. Montagna, (PI).
- “Predicting long-term effects of freshwater inflow on macrobenthos in the Tres-Palacios and Guadalupe Estuaries.” 1990-1991. Funded by The Texas Water Development Board, \$16,942, P.A. Montagna, (PI).
- “What maintains the high finfish productivity in the Laguna Madre Estuary?” 1989-1990. Funded by Advanced Technology Program, Texas Higher Education coordinating Board. \$490,000 (Montagna Share \$85,368), P.A. Montagna, PI, Co-P.I.)
- “Laguna Madre: How does a hot, hypersaline lagoon maintain a large fishery?” 1988-1990. Funded by Advanced Technology Program, Texas Higher Education Coordinating Board, \$490,001 (Montagna share \$147,550), P. A. Montagna (PI), E. Buskey (Co-PI), K. Dunton (Co-PI), P. Parker (Co-PI), T. Whitledge (Co-PI).
- “Effects of food-level and flow disruption on harpacticoid copepod recruitment.” 1987. Funded by NOAA-NURP, P.A. Montagna, (PI) (funding for 10-day cruise participation)
- “Nitrogen Process Studies: Analysis and synthesis of data collected in the Nueces/Corpus Christi, San Antonio, and Lavaca Bays, Texas”. 1988-1989. Funded by Texas Water Development Board, \$197,750, T. E. Whitledge, (PI), P.A. Montagna, Co-P.I. (Benthos, \$32,470).
- “Nitrogen Process Study: The importance of freshwater inflow on the nitrogen cycle and related processes and biomasses in the Nueces Estuary, Texas”. 1987-1988. Funded by the Texas Water Development Board, \$340,959, T. E. Whitledge (PI), P.A. Montagna (Co-PI, Benthic infauna and chamber experiments, \$40,116)
- “The importance of freshwater input on the nitrogen cycle and related processes and biomasses in San Antonio Bay, Texas”. 1986-1987. Funded by Texas Water Development Board, \$288,576, T. E. Whitledge (PI), W.B. Yoon (Co-PI), P.A. Montagna (Co-PI, “Benthic experiments and analyses, \$65,899).
- “Assessment of long-term changes in biological communities”. 1986-1991. Funded by U.S. Department of Interior, Minerals Management Service, via subcontract from Battelle Laboratories, \$474,420, P.A. Montagna, (PI).
- “Sulfur cycling and oxygen metabolism in a natural submarine oil seep.” 1985. Funded by CEIP Fund, Inc., \$5,840, P.A. Montagna, (PI).
- “Adaptation of marine organisms to chronic hydrocarbon exposure”. 1984-1988. Funded by U.S. Department of Interior, Minerals Management Service, via subcontract from Kinnetic Laboratories, \$322,999, P. A. Montagna, (PI).

BIBLIOGRAPHIC LINKS

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<https://scholar.google.com.au/citations?user=X7diCIUAAAJ&hl=en>
<https://tamu.academia.edu/PaulMontagna/Analytics/activity/documents>
<https://www.mendeley.com/library/my-publications>
https://www.researchgate.net/profile/Paul_Montagna/contributions

BOOKS

- The National Academies of Sciences, Engineering, and Medicine. 2017. Effective Monitoring to Evaluate Ecological Restoration in the Gulf of Mexico. Washington, DC: The National Academies Press. [doi: 10.17226/23476](https://doi.org/10.17226/23476).
- Montagna, P.A., T.A. Palmer, and J. Beseres Pollack. 2013. Hydrological Changes and Estuarine Dynamics. SpringerBriefs in Environmental Sciences, New York, New York. 94 pp. [doi:10.1007/978-1-4614-5833-3](https://doi.org/10.1007/978-1-4614-5833-3)

PEER-REVIEWED PUBLICATIONS ([doi: = http://dx.doi.org/](http://dx.doi.org/))

- Yao, H., P.A. Montagna, M.S. Wetz, C.J. Staryk, X. Hu. 2022. Subtropical estuarine carbon budget under various hydrologic extremes and implications on the lateral carbon exchange from tidal wetlands. *Water Research* 217: 118436, 13 pp. <https://doi.org/10.1016/j.watres.2022.118436>
- Palmer, T.A., A.G. Klein, S.T. Sweet, A.J. Frazier, P.A. Montagna, T.L. Wade, J. Beseres Pollack. 2022. Using epibenthic fauna as biomonitors of local marine contamination adjacent to McMurdo Station, Antarctica. *Marine Pollution Bulletin* In Press.
- Patrick, C.J., J.S. Kominoski, W.H. McDowell, B. Branoff, D. Lagomasino, M. Leon, E. Hensel, M.J.S. Hensel, B.A. Strickland, T.M. Aide, A. Armitage, M. Campos-Cerqueira, V.M. Congdon, T.A. Crowl, D.J. Devlin, S. Douglas, B.E. Erisman, R.A. Feagin, S.J. Geist, N.S. Hall, A.K. Hardison, M.R. Heithaus, J.A. Hogan, J.D. Hogan, S. Kinard, J.J. Kiszka, T.-C. Lin, K. Lu, C.J. Madden, P.A. Montagna, C.S. O'Connell, C.E. Proffitt, B. Kiel Reese, J.W. Reustle, K.L. Robinson, S.A. Rush, R.O. Santos, A. Schnetzer, D.L. Smee, R.S. Smith, G. Starr, B.A. Stauffer, L.M. Walker, C.A. Weaver, M.S. Wetz, E.R. Whitman, S.S. Wilson, J. Xue, X. Zou. 2022. A general pattern of trade-offs between ecosystem resistance and resilience to tropical cyclones. *Science Advances* 8(9): eabl9155 11 pp. <https://doi.org/10.1126/sciadv.abl9155>
- Palmer, T.A., A.G. Klein, S.T. Sweet, P. A. Montagna, L.J. Hyde, T.L. Wade, J. Beseres Pollack. 2021. Anthropogenic effects on the marine environment adjacent to Palmer Station, Antarctica. *Antarctic Science* 34: 79-96. <https://doi.org/10.1017/S0954102021000535>
- Montagna, P.A., L. McKinney, and D. Yoskowitz. 2021. Focused flows to maintain natural nursery habitats. *Texas Water Journal* 12(1): 129-139. <https://doi.org/10.21423/twj.v12i1.7123>
- Montagna, P.A. 2021. How a simple question about freshwater inflow to estuaries shaped a career. *Gulf and Caribbean Research* 32: ii-xiv. <https://doi.org/10.18785/gcr.3201.04>
- Benoit Lebreton, B., J.B. Pollack, B. Blomberg, T.A. Palmer, and P.A. Montagna. 2021. Oyster growth across a salinity gradient in a shallow, subtropical Gulf of Mexico estuary. *Experimental Results* 2, e10, 1–12. <https://doi.org/10.1017/exp.2020.72>
- Palmer, T.A., A.G. Klein, S.T. Sweet, P.A. Montagna, L.J. Hyde, J. Sericano, T.L. Wade, M.C. Kennicutt II, J.B. Pollack. 2021. Long-term changes in contamination and macrobenthic communities adjacent to McMurdo Station, Antarctica. *Science of The Total Environment* 764: 142798, 14 pp. <https://doi.org/10.1016/j.scitotenv.2020.142798>
- Douglas, A.R., D. Murgulet, P.A. Montagna. 2021. Hydroclimatic variability drives submarine groundwater discharge and nutrient fluxes in an anthropogenically disturbed, semi-arid estuary. *Science of The Total Environment* 755 (Part 2): 142574, 14 pp. <https://doi.org/10.1016/j.scitotenv.2020.142574>
- Schwing, P., P.A. Montagna, S.B. Joye, C.B. Paris, E. Cordes, C.R. McClain, J.P. Kilborn, and S.A. Murawski. 2020. A synthesis of deep benthic faunal impacts and resilience following the Deepwater Horizon oil spill. *Frontiers in Marine Science* 7:560012. <https://doi.org/10.3389/fmars.2020.560012>
- Walker, L.M., P.A. Montagna, X. Hu, M.S. Wetz. 2021. Timescales and Magnitude of Water Quality Change in Three Texas Estuaries Induced by Passage of Hurricane Harvey. *Estuaries and Coasts* 44: 960-971. <https://doi.org/10.1007/s12237-020-00846-6>
- Rohal, M., C. Ainsworth, B. Lupher, P.A. Montagna, C.B. Paris, N. Perlin, P.M. Suprenand, D. Yoskowitz. 2020. The effect of the Deepwater Horizon oil spill on two ecosystem services in the northern Gulf of Mexico. *Environmental Modelling & Software* 133:104793. <https://doi.org/10.1016/j.envsoft.2020.104793>.
- Reuscher, M.G., J.G. Baguley, and P.A. Montagna. 2020. The expanded footprint of the Deepwater Horizon oil spill in the Gulf of Mexico deep-sea benthos. *PLoS ONE* 15(6): e0235167. <https://doi.org/10.1371/journal.pone.0235167>
- Rohal, .M, N. Barrera, E. Escobar-Briones, G. Brooks, D. Hollander, R. Larson, P.A. Montagna, M. Pryor, I.C. Romero, P. Schwing. 2020. How Quickly Will the Offshore Ecosystem Recover from the 2010 Deepwater Horizon Oil Spill? Lessons Learned from the 1979 Ixtoc-1 Oil Well Blowout. *Ecological Indicators* 117: 106593, 14 pp. <https://doi.org/10.1016/j.ecolind.2020.106593>

- Patrick, C.J., Yeager, L., Armitage, A.R., Carvallo, F., Congdon, V., Dunton, K.H., Fisher, M., Hardison, A.K., Hogan, J.D., Hosen, J., Hu, X., Kiel Reese, B., Kinard, S., Kominoski, J.S., Lin, X., Liu, Z., Montagna, P.A., Pennings, S. C., Walker, L., Weaver, C.A., Wetz, M. 2020. A System level analysis of ecosystem responses to hurricane impacts on a coastal region. *Estuaries and Coasts* 43: 943-959. <https://doi.org/10.1007/s12237-019-00690-3>
- Hogan, J.A., R.A. Feagin, G. Starr, M. Ross, T.-C. Lin, C. O'Connell, T.P. Huff, B.A. Stauffer, K.L. Robinson, M.C. Lara, J. Xue, B.K. Reese, S.J. Geist, E.R. Whitman, S. Douglas, V.M. Congdon, J.W. Reustle, R.S. Smith, D. Lagomasino, B.A. Strickland, S.S. Wilson, C.E. Proffitt, J.D. Hogan, B.L. Branoff, A.R. Armitage, S.A. Rush, R.O. Santos, M. Campos-Cerqueira, P.A. Montagna, B. Erisman, L. Walker, W.L. Silver, T.A. Crawl, M. Wetz, N. Hall, X. Zou, S.C. Pennings, L.-J. Wang, C.-T. Chang, M. Leon, W.H. McDowell, J.S. Kominoski, C.J. Patrick. 2020. A research framework to integrate cross-ecosystem responses to tropical cyclones. *BioScience* 70:477-489. <https://doi.org/10.1093/biosci/biaa034>
- Rohal, M., N. Barrera, J.S. van Eenennaam, E.M. Foekema, P.A. Montagna, A.J. Murk, M. Pryor, and I.C. Romero. 2020. The effects of experimental oil-contaminated marine snow on meiofauna in a microcosm. *Marine Pollution Bulletin* 150: 110656 [doi: 10.1016/j.marpolbul.2019.110656](https://doi.org/10.1016/j.marpolbul.2019.110656)
- Paudel, B., P.A. Montagna, L. Adams. 2019. The relationship between suspended solids and nutrients with variable hydrologic flow regimes. *Regional Studies in Marine Science* 29:9 pp. [doi: 10.1016/j.rsma.2019.100657](https://doi.org/10.1016/j.rsma.2019.100657)
- van Eenennaam, J.S., M. Rohal, P.A. Montagna, J.R. Radović, T.B.P. Oldenburg, I.C. Romero, A.J. Murk, E.M. Foekema. 2019. Ecotoxicological benthic impacts of experimental oil-contaminated marine snow deposition. *Marine Pollution Bulletin* 141:164-175. [doi: 10.1016/j.marpolbul.2019.02.025](https://doi.org/10.1016/j.marpolbul.2019.02.025)
- Washburn, T.W., P.A. Montagna, and D.W. Yoskowitz. 2018. Valuing natural waste removal in the offshore environment during the Deepwater Horizon oil spill. *Frontiers in Marine Science*. 5:477. [doi: 10.3389/fmars.2018.00477](https://doi.org/10.3389/fmars.2018.00477)
- Montagna, P.A., X. Hu, T.A. Palmer, and M. Wetz. 2018. Effect of hydrological variability on the biogeochemistry of estuaries across a regional climatic gradient. *Limnology and Oceanography* 63:2465-2478. [doi: 10.1002/lno.10953](https://doi.org/10.1002/lno.10953)
- Montagna, P.A., C. Chaloupka, E.A. DelRosario, A.M. Gordon, R.D. Kalke, T.A. Palmer, and E.L. Turner. 2018. Managing environmental flows and water resources. *WIT Transactions on Ecology and the Environment* 215:177-188. [doi: 10.2495/EID180161](https://doi.org/10.2495/EID180161)
- Blomberg, B.N., T.A. Palmer, P.A. Montagna, and J.B. Pollack. 2018. Habitat assessment of a restored oyster reef in South Texas. *Ecological Engineering* 122: 48-61. [doi: 10.1016/j.ecoleng.2018.07.012](https://doi.org/10.1016/j.ecoleng.2018.07.012)
- Middleton, B.A., and P.A. Montagna. 2018. Turning on the faucet to a healthy coast. *The Solutions Journal* 9(3) <https://www.thesolutionsjournal.com/article/turning-faucet-healthy-coast/>
- Washburn, T.W., A.W.J. Demopoulous, and P.A. Montagna. 2018. Macrobenthic infaunal communities associated with deep-sea hydrocarbon seeps in the northern Gulf of Mexico. *Marine Ecology* 2018;39:e12508. [doi: 10.1111/maec.12508](https://doi.org/10.1111/maec.12508)
- Del Rosario, E.A., and P.A. Montagna. 2018. Effects of the Rincon Bayou Pipeline on salinity in the upper Nueces Delta. *Texas Water Journal* 9:30-49. <https://twj.media/rincon-bayou-pipeline/>
- Blomberg, B.N., J. Beseres Pollack, P.A. Montagna and D.W. Yoskowitz. 2018. Evaluating the U.S. Estuary Restoration Act to inform restoration policy implementation: A case study focusing on oyster reef projects. *Marine Policy* 91: 161–166. [doi: 10.1016/j.marpol.2018.02.014](https://doi.org/10.1016/j.marpol.2018.02.014)
- Washburn, T., M.G. Reuscher, P.A. Montagna, C. Cooksey and J.L. Hyland. 2017. Macrobenthic community structure in the deep Gulf of Mexico one year after the Deepwater Horizon blowout. *Deep-Sea Research I* 127: 21-30. [doi: 10.1016/j.dsr.2017.06.001](https://doi.org/10.1016/j.dsr.2017.06.001)
- Reuscher, M.G., J.G. Baguley, N. Conrad-Forrest, C. Cooksey, J.L. Hyland, C. Lewis, P.A. Montagna, R.W. Ricker, M. Rohal, and T. Washburn. 2017. Temporal patterns of the Deepwater Horizon impacts on the benthic infauna of the northern Gulf of Mexico continental slope. *PloS One* 12(6): e0179923. [doi: 10.1371/journal.pone.0179923](https://doi.org/10.1371/journal.pone.0179923)
- Blomberg, B.N., B. Lebreton, T.A. Palmer, G. Guillou, J. Beseres Pollack, and P.A. Montagna. 2017. Does reef structure affect oyster food resources? A stable isotope assessment. *Marine Environmental Research* 127: 32-40. [doi: /10.1016/j.marenvres.2017.03.003](https://doi.org/10.1016/j.marenvres.2017.03.003)
- Montagna, P.A., A.L. Sadowski, S.A. King, K.K. Nelson, T.A. Palmer and K.H. Dunton. 2017. Modeling the effect of water level on the Nueces Delta marsh community. *Wetlands Ecology and Management* 25:731-742. [doi: 10.1007/s11273-017-9547-x](https://doi.org/10.1007/s11273-017-9547-x)
- Paudel, B., P.A. Montagna, M. Besonen and L. Adams. 2017. Inorganic nitrogen release from sediment slurry of riverine and estuarine ecosystems located at different river regimes. *Marine and Freshwater Research* 68(7) 1282-1291. [doi: /10.1071/MF16260](https://doi.org/10.1071/MF16260)

- Balthis, W.L., J.L. Hyland, C. Cooksey, P.A. Montagna, J.G. Baguley, R.W. Ricker, and C. Lewis. 2017. Sediment Quality Benchmarks for Assessing Oil-Related Impacts to the Deep-Sea Benthos. *Integrated Environmental Assessment and Management* 13:840-851. doi: [10.1002/ieam.1898/epdf](https://doi.org/10.1002/ieam.1898/epdf)
- Wetz, M.S., E.K. Cira, B. Sterba-Boatwright, P.A. Montagna, T.A. Palmer, and K.C. Hayes. 2017. Exceptionally high organic nitrogen concentrations in a semi-arid South Texas estuary susceptible to brown tide blooms. *Estuarine, Coastal and Shelf Science* 188: 27-37. doi: [10.1016/j.ecss.2017.02.001](https://doi.org/10.1016/j.ecss.2017.02.001)
- Montagna P.A., J.G. Baguley, C. Cooksey, and J.L. Hyland. 2017. Persistent impacts to the deep soft-bottom benthos one year after the Deepwater Horizon event. *Integrated Environmental Assessment and Management* 13: 342-351. doi: [10.1002/ieam.1791](https://doi.org/10.1002/ieam.1791)
- Montagna P.A., J.G. Baguley, C.-Y. Hsiang, and M.G. Reuscher. 2016. Comparison of sampling methods for deep-sea infauna. *Limnology and Oceanography: Methods* 15:166-183 doi: [10.1002/lom3.10150](https://doi.org/10.1002/lom3.10150)
- Turner, E.L. and P.A. Montagna. 2016. The max bin regression method to identify maximum bioindicators responses to ecological drivers. *Ecological Informatics* 36:118–125. doi: [10.1016/j.ecoinf.2016.10.007](https://doi.org/10.1016/j.ecoinf.2016.10.007)
- Fisher, C.R., P.A. Montagna, and T.T. Sutton. 2016. How did the Deepwater Horizon oil spill impact deep-sea ecosystems? *Oceanography* 29:182–195. doi: [10.5670/oceanog.2016.82](https://doi.org/10.5670/oceanog.2016.82)
- Washburn, T., A.C.E. Rhodes, P.A. Montagna. 2016. Benthic taxa as potential indicators of a deep-sea oil spill. *Ecological Indicators* 71:587-597. doi: [10.1016/j.ecolind.2016.07.045](https://doi.org/10.1016/j.ecolind.2016.07.045)
- Lebreton, B., J. Beseres Pollack, B. Blomberg, T.A. Palmer, L. Adams, G. Guillou, and P.A. Montagna. 2016. Origin, composition and quality of suspended particulate organic matter in relation to freshwater inflow in a South Texas estuary. *Estuarine, Coastal and Shelf Science* 170: 70-82. doi:[10.1016/j.ecss.2015.12.024](https://doi.org/10.1016/j.ecss.2015.12.024)
- Van Diggelen, A.D. and P.A. Montagna. 2016. Is salinity variability a benthic disturbance in estuaries? *Estuaries and Coasts* 39:967-980. doi:[10.1007/s12237-015-0058-9](https://doi.org/10.1007/s12237-015-0058-9)
- Palmer, T.A., P.A. Montagna, R.H. Chamberlain, P.H. Doering, Y.Wan, K. Haunert, and D.J. Crean. 2016. Determining the effects of freshwater inflow on benthic macrofauna in the Caloosahatchee Estuary, Florida. *Integrated Environmental Assessment and Management* 12:529-539. doi:[10.1002/ieam.1688](https://doi.org/10.1002/ieam.1688)
- Turner, E. L., B. Paudel, P.A. Montagna. 2015. Baseline nutrient dynamics in shallow well mixed coastal lagoon with seasonal harmful algal blooms and hypoxia formation. *Marine Pollution Bulletin* 96: 456-462. doi: [10.1016/j.marpolbul.2015.05.005](https://doi.org/10.1016/j.marpolbul.2015.05.005)
- Rhodes, A.C., N.F. Carvalho, T.A. Palmer, L.J. Hyde and P.A. Montagna. 2015. Distribution of two species of the genus *Nototanaïs* spp. (Tanaidacea) in Winter Bay and waters adjoining McMurdo Station, McMurdo Sound, Antarctica. *Polar Biology* 38:1623-1629. doi: [10.1007/s00300-015-1727-7](https://doi.org/10.1007/s00300-015-1727-7)
- Paudel, B., P.A. Montagna and L. Adams. 2015. Variations in the release of silicate and orthophosphate along a salinity gradient: Do sediment composition and physical forcing have roles? *Estuarine, Coastal and Shelf Science* 157: 42-50. doi:[10.1016/j.ecss.2015.02.011](https://doi.org/10.1016/j.ecss.2015.02.011)
- Hu, X., J. Beseres-Pollack, M.R. McCutcheon, P.A. Montagna, and Z. Ouyang. 2015. Long-term alkalinity decrease and acidification of estuaries in Northwestern Gulf of Mexico. *Environmental Science & Technology* 49: 3401-3409. doi:[10.1021/es505945p](https://doi.org/10.1021/es505945p).
- Baguley, J.G., P.A. Montagna, C. Cooksey, J.L. Hyland, H.W. Bang, C. Morrison, A. Kamikawa, P. Bennetts, G. Saiyo, E. Parsons, M. Herdener, M. Ricci. 2015. Community response of deep-sea soft-sediment metazoan meiofauna to the Deepwater Horizon blowout and oil spill. *Marine Ecology Progress Series* 528: 127–140. doi:[10.3354/meps11290](https://doi.org/10.3354/meps11290)
- Palmer, T.A. and P.A. Montagna. 2015. Impacts of droughts and low flows on estuarine water quality and benthic fauna. *Hydrobiologia* 753:111–129. doi [10.1007/s10750-015-2200-x](https://doi.org/10.1007/s10750-015-2200-x)
- Gillett, D.J., S.B. Weisberg, T. Grayson, A. Hamilton, V. Hansen, E.W. Leppo, M.C. Pelletiere, A. Borja, D. Cadien, D. Dauer, R. Diaz, M. Dutch, J.L. Hyland, M. Kellogg, P.F. Larsen, J.S. Levinton, R. Llansó, L.L. Lovell, P.A. Montagna, D. Pasko, C.A. Phillips, C. Rakocinski, J.A. Ranasinghe, D.M. Sanger, H. Teixeira, R.F. Van Dolah, R.G. Velarde, K.I. Welch. 2015. Effect of ecological group classification schemes on performance of the AMBI benthic index in US coastal waters. *Ecological Indicators* 50:99–107. doi: [10.1016/j.ecolind.2014.11.005](https://doi.org/10.1016/j.ecolind.2014.11.005)
- Hutchison, L., P. Montagna, D. Yoskowitz, D. Scholz and J. Tunnell. 2015. Stakeholder perceptions of coastal habitat ecosystem services. *Estuaries and Coasts* 38 (Supplement 1): 67-80. doi:[10.1007/s12237-013-9647-7](https://doi.org/10.1007/s12237-013-9647-7)
- Kim, H.-C., S. Son, P. Montagna, B. Spiering, and J. Nam. 2014. Linkage between freshwater inflow and primary productivity in Texas estuaries: downscaling effects of climate variability. *Journal of Coastal Research*, Special Issue No. 68: 65-73. doi:[10.2112/SI68-009.1](https://doi.org/10.2112/SI68-009.1)
- Blomberg, B.N. and P.A. Montagna. 2014. Meta-analysis of Ecopath models reveals secondary productivity patterns across the Gulf of Mexico. *Ocean & Coastal Management* 100: 32-40. doi:[10.1016/j.ocecoaman.2014.07.014](https://doi.org/10.1016/j.ocecoaman.2014.07.014)

- Paudel, B. and P.A. Montagna. 2014. Modeling inorganic nutrient distributions among hydrologic gradients using multivariate approaches. *Ecological Informatics* 24:35-46. [doi:10.1016/j.ecoinf.2014.06.003](https://doi.org/10.1016/j.ecoinf.2014.06.003)
- Turner, E.L., D.A. Bruesewitz, R.F. Mooney, P.A. Montagna, J.W. McClelland, A. Sadovskii, E.J. Buskey. 2014. Comparing performance of five nutrient phytoplankton zooplankton (NPZ) models in coastal lagoons. *Ecological Modelling* 277: 13–26. [doi:10.1016/j.ecolmodel.2014.01.007](https://doi.org/10.1016/j.ecolmodel.2014.01.007)
- Montagna P.A., J.G. Baguley, C. Cooksey, I. Hartwell, L.J. Hyde, J.L. Hyland, R.D. Kalke, L.M. Kracker, M. Reuscher, and A.C.E. Rhodes. 2013. Deep-Sea Benthic Footprint of the Deepwater Horizon Blowout. *PLoS ONE* 8(8): e70540. [doi:10.1371/journal.pone.0070540](https://doi.org/10.1371/journal.pone.0070540)
- Beseres Pollack J., A., D. Yoskowitz, H.-C. Kim, and P.A. Montagna. 2013. Role and value of nitrogen regulation provided by oysters (*Crassostrea virginica*) in the Mission-Aransas Estuary Texas USA. *PLoS ONE* 8(6): e65314. [doi:10.1371/journal.pone.0065314](https://doi.org/10.1371/journal.pone.0065314)
- Palmer, T.A., P.A. Montagna, and R.D. Kalke. 2013. The effects of opening an artificial tidal inlet on hydrography and estuarine macrofauna in Corpus Christi, Texas. *Environmental Monitoring and Assessment*. 185:5917–5935. [doi:10.1007/s10661-012-2995-0](https://doi.org/10.1007/s10661-012-2995-0)
- Beseres Pollack J., A. Cleveland, T.A. Palmer, A.S. Reisinger, and P.A. Montagna. 2012. A restoration suitability index model for the eastern oyster (*Crassostrea virginica*) in the Mission-Aransas Estuary, TX, USA. *PLoS ONE* 7(7): e40839. [doi:10.1371/journal.pone.0040839](https://doi.org/10.1371/journal.pone.0040839)
- Kim, H.-C. and P.A. Montagna. 2012. Effects of climate-driven freshwater inflow variability on macrobenthic secondary production in Texas lagoonal estuaries: A modeling study. *Ecological Modelling* 235–236: 67–80. [doi:10.1016/j.ecolmodel.2012.03.022](https://doi.org/10.1016/j.ecolmodel.2012.03.022)
- Sharma J., J.G. Baguley, P.A. Montagna, G.T. Rowe. 2012. Assessment of longitudinal gradients in nematode communities in the deep northern Gulf of Mexico and concordance with benthic taxa. *International Journal of Oceanography* Article ID 903018, 15 pages. [doi:10.1155/2012/903018](https://doi.org/10.1155/2012/903018)
- Pollack, J.B., T.A. Palmer, and P.A. Montagna. 2011. Long-term trends in the response of benthic macrofauna to climate variability in the Lavaca-Colorado Estuary, Texas. *Marine Ecology Progress Series* 436: 67–80. [doi:10.3354/meps09267](https://doi.org/10.3354/meps09267)
- Romano, F., III, M. Gallo, R. D'Addabbo, G. Accogli, J. Baguley, and P. Montagna. 2011. Deep-sea tardigrades in the northern Gulf of Mexico with a description of a new species of Coronarctidae (Tardigrada: Arthrotardigrada), *Coronarctus mexicus*. *Journal of Zoological Systematics and Evolutionary Research* 49(Supplement 1): 48–52. [doi:10.1111/j.1439-0469.2010.00597.x](https://doi.org/10.1111/j.1439-0469.2010.00597.x)
- Palmer, T.A., P.A. Montagna, J.B. Pollack, R.D. Kalke and H.R. DeYoe. 2011. The role of freshwater inflow in lagoons, rivers, and bays. *Hydrobiologia* 667: 49-67. [doi:10.1007/s10750-011-0637-0](https://doi.org/10.1007/s10750-011-0637-0)
- Pollack, J.B., H.-C. Kim, E.K. Morgan, and P.A. Montagna. 2011. Role of flood disturbance in natural oyster (*Crassostrea virginica*) population maintenance in an estuary in South Texas, USA. *Estuaries and Coasts* 34:187–197. [doi:10.1007/s12237-010-9338-6](https://doi.org/10.1007/s12237-010-9338-6)
- Coopersmith, E.J., B. Minsker, and P. Montagna. 2011 Understanding and forecasting hypoxia using machine learning algorithms. *Journal of Hydroinformatics* 13:64-80. [doi:10.2166/hydro.2010.040](https://doi.org/10.2166/hydro.2010.040)
- Wei, C.-L., G.T. Rowe, E. Escobar-Briones, A. Boetius, T. Soltwedel, M.J. Caley, Y. Soliman, F. Huettmann, F. Qu, Z. Yu, C. R. Pitcher, R.L. Haedrich, M.K. Wicksten, M.A. Rex, J.G. Baguley, J. Sharma, R. Danovaro, I.R. MacDonald, C.C. Nunnally, J.W. Deming, P. Montagna, M. Levesque, J.M. Weslawski, M. Wlodarska-Kowalczyk, B.S. Ingle, B.J. Bett, D.S.M. Billett, A. Yool, B.A. Bluhm, K. Iken, B.E. Narayanaswamy. 2010. Global patterns and predictions of seafloor biomass using random forests. *PloS ONE* 5: 15 pp. [doi:10.1371/journal.pone.0015323](https://doi.org/10.1371/journal.pone.0015323)
- Kennicutt, MC. II, A. Klein, P. Montagna, S. Sweet, T. Wade, T. Palmer, J. Sericano, and G. Denoux. 2010. Temporal and spatial patterns of anthropogenic disturbance at McMurdo Station, Antarctica. *Environmental Research Letters* 5: 034010. [doi:10.1088/1748-9326/5/3/034010](https://doi.org/10.1088/1748-9326/5/3/034010)
- Arismendez, S.S, H.-C. Kim, J. Brenner and P.A. Montagna. 2009. Application of watershed analyses and ecosystem modeling to investigate land–water nutrient coupling processes in the Guadalupe Estuary, Texas. *Ecological Informatics* 4: 243-253. [doi:10.1016/j.ecoinf.2009.07.002](https://doi.org/10.1016/j.ecoinf.2009.07.002)
- Montagna, P.A. and J. Froeschke. 2009. Long-term biological effects of coastal hypoxia in Corpus Christi Bay, Texas, USA. *Journal of Experimental Marine Biology and Ecology* 381: S21-S30. [doi:10.1016/j.jembe.2009.07.006](https://doi.org/10.1016/j.jembe.2009.07.006)
- Kim, H.-C. and P.A. Montagna. 2009. Implications of Colorado River freshwater inflow to benthic ecosystem dynamics: a modeling study. *Estuarine, Coastal and Shelf Science* 83:491-504. [doi:10.1016/j.ecss.2009.04.033](https://doi.org/10.1016/j.ecss.2009.04.033)
- Pollack, J.B., J.W. Kinsey, and P.A. Montagna. 2009. Freshwater Inflow Biotic Index (FIBI) for the Lavaca-Colorado Estuary, Texas. *Environmental Bioindicators* 4:153-169. [doi:10.1080/15555270902986831](https://doi.org/10.1080/15555270902986831)

- Shank, G.C., K. Nelson, and P.A. Montagna. 2009. Importance of CDOM distribution and photoreactivity in a shallow Texas estuary. *Estuaries and Coasts* 32:661-677. doi: [10.1007/s12237-009-9159-7](https://doi.org/10.1007/s12237-009-9159-7)
- Kenow, K.P., D.J. Hoffman, R.K. Hines, M.W. Meyer, J.W. Bickham, C.W. Matson, K.R. Stebbins, P. Montagna, and A. Elfessi. 2008. Effects of methylmercury exposure on glutathione metabolism, oxidative stress, and chromosomal damage in captive-reared common loon (*Gavia immer*) chicks. *Environmental Pollution* 156: 732-738. doi: [10.1016/j.envpol.2008.06.009](https://doi.org/10.1016/j.envpol.2008.06.009)
- Morehead, S., Montagna, P.A., and M.C. Kennicutt II. 2008. Comparing fixed-point and probabilistic sampling designs for monitoring the marine ecosystem near McMurdo Station, Antarctica. *Antarctic Science* 20: 471-484. doi: [10.1017/S0954102008001326](https://doi.org/10.1017/S0954102008001326)
- Montagna, P.A., T.A. Palmer, R.D. Kalke, and A. Gossmann. 2008. Suitability of using a limited number of sampling stations to represent benthic habitats in Lavaca-Colorado Estuary, Texas. *Environmental Bioindicators* 3: 156 – 171. doi: [10.1080/15555270802374690](https://doi.org/10.1080/15555270802374690)
- Palmer, T.A., P.A. Montagna, R.D. Kalke. 2008. Benthic indicators of the initial effect of opening a channel. *Environmental Bioindicators* 3: 205 – 206. doi: [10.1080/15555270802551776](https://doi.org/10.1080/15555270802551776)
- Baguley, J.G., Montagna, P.A., L.J. Hyde, and G.T. Rowe. 2008. Metazoan meiofauna biomass, grazing, and weight-dependent respiration in the Northern Gulf of Mexico deep sea. *Deep-Sea Research II* 55: 2607–2616. doi: [10.1016/j.dsr2.2008.07.010](https://doi.org/10.1016/j.dsr2.2008.07.010)
- Rowe, G.T., C. Wei, C. Nunnally, R. Haedrich, P. Montagna, J.G. Baguley, J.M. Bernhard, M. Wicksten, A. Ammons, E. Escobar Briones, Y. Soliman, and J. W. Deming. 2008. Comparative biomass structure and estimated carbon flow in food webs in the deep Gulf of Mexico. *Deep-Sea Research II* 55: 2699-2711. doi: [10.1016/j.dsr2.2008.07.020](https://doi.org/10.1016/j.dsr2.2008.07.020)
- Palmer, T.A., P.A. Montagna, and R.B. Nairn. 2008. The Effects of a Dredge Excavation Pit on Benthic Macrofauna in Offshore Louisiana. *Environmental Management* 41:573-583. doi: [10.1007/s00267-007-9063-5](https://doi.org/10.1007/s00267-007-9063-5)
- Montagna, P.A., E.D. Estevez, T.A. Palmer, and M.S. Flannery. 2008. Meta-analysis of the relationship between salinity and molluscs in tidal river estuaries of southwest Florida, U.S.A. *American Malacological Bulletin* 24: 101-115. doi: [10.4003/0740-2783-24.1.101](https://doi.org/10.4003/0740-2783-24.1.101)
- Russell, M.J. and P.A. Montagna. 2007. Spatial and temporal variability and drivers of net ecosystem metabolism in Western Gulf of Mexico Estuaries. *Estuaries and Coasts* 30: 137-153. doi: [10.1007/BF02782974](https://doi.org/10.1007/BF02782974)
- Baguley J.G., P.A. Montagna, L.J. Hyde, R.D. Kalke, G.T. Rowe. 2006. Metazoan meiofauna abundance in relation to environmental variables in the northern Gulf of Mexico deep sea. *Deep-Sea Research I* 53: 1344-1362. doi: [10.1016/j.dsr.2006.05.012](https://doi.org/10.1016/j.dsr.2006.05.012)
- Lee, W., H.Y. Soh, and P.A. Montagna. 2006. Redescription of *Echinolaophonte armiger* (Gurney) (Copepoda:Harpacticoida) from the Gulf of Mexico. *Zootaxa* 1250: 53-68. doi: <http://www.mapress.com/zootaxa/2006f/z01250p068f.pdf>
- Russell, M.J., P.A. Montagna, and R.D. Kalke. 2006. The effect of freshwater inflow on net ecosystem metabolism in Lavaca Bay, Texas. *Estuarine, Coastal and Shelf Science* 68:231-244. doi: [10.1016/j.ecss.2006.02.005](https://doi.org/10.1016/j.ecss.2006.02.005)
- Tenore, K.R., R.N. Zajac, J. Terwin, F. Andrade, J. Blanton, W. Boynton, D. Carey, R. Diaz, A.F. Holland, E. Lopez-Jamar, P. Montagna, F. Nichols, R. Rosenberg, H. Queiroga, M. Sprung, R.B. Whitlatch. 2006. Characterizing the role benthos plays in large coastal seas and estuaries: A modular approach. *Journal of Experimental Marine Biology and Ecology* 330: 392-402. doi: [10.1016/j.jembe.2005.12.042](https://doi.org/10.1016/j.jembe.2005.12.042)
- Baguley, J.G. P.A. Montagna, W. Lee, L.J. Hyde, G.T. Rowe. 2006. Spatial and bathymetric trends in Harpacticoida (Copepoda) community structure in the Northern Gulf of Mexico deep-sea. *Journal of Experimental Marine Biology and Ecology* 330: 327-341. doi: [10.1016/j.jembe.2005.12.037](https://doi.org/10.1016/j.jembe.2005.12.037)
- Montagna, P.A. and C. Ritter. 2006. Direct and indirect effects of hypoxia on benthos in Corpus Christi Bay, Texas, U.S.A. *Journal of Experimental Marine Biology and Ecology* 330: 119-131. doi: [10.1016/j.jembe.2005.12.021](https://doi.org/10.1016/j.jembe.2005.12.021)
- Ritter, C., P.A. Montagna, and S. Applebaum. 2005. Short-term succession dynamics of macrobenthos in a salinity-stressed estuary. *Journal of Experimental Marine Biology and Ecology* 323:57-69. doi: [10.1016/j.jembe.2005.02.018](https://doi.org/10.1016/j.jembe.2005.02.018)
- Burgess, R., J. Sharma, R. S. Carr, and P. Montagna. 2005. Assessment of storm water outfalls in Corpus Christi Bay, Texas, USA using meiofauna. *Meiofauna Marina* 14:157-169. doi: <https://pfeil-verlag.de/publikationen/meiofauna-marina-band-14/>
- Applebaum, S., P.A. Montagna, and C. Ritter. 2005. Status and trends of dissolved oxygen in Corpus Christi Bay, Texas, U.S.A. *Environmental Monitoring and Assessment* 107: 297-311. doi: [10.1007/s10661-005-3111-5](https://doi.org/10.1007/s10661-005-3111-5)
- Baguley, J.G., L.J. Hyde, and P.A. Montagna. 2004. A semi-automated digital microphotographic approach to measure meiofaunal biomass. *Limnology and Oceanography Methods*. 2:181-190. doi: <http://www.aslo.org/lomethods/free/2004/0181.pdf>

- Mitwally, H., P.A. Montagna, Y. Halim, A.G.N. Khalil, M.M. Dorgham, and M.M. Atta. 2004. Egyptian sandy beach meiofauna and benthic diatoms. *Rapp. Comm. Int. Mer. Medit.* 37:537.
- Lee, W., Kang, S.-H. Kang, P.A. Montagna, and I.-S. Kwak. 2003. Temporal dynamics and patterning of meiofauna community by self-organizing artificial neural networks. *Ocean and Polar Research* 25:237-247. [doi: 10.4217/OPR.2003.25.3.237](https://doi.org/10.4217/OPR.2003.25.3.237)
- Lee, W., P.A. Montagna, and M.-S.Han. 2003. Three new species of the genus *Normanella* Brady (Copepoda: Harpacticoida) from the Gulf of Mexico. *Journal of Natural History* 37:1219-1245. [doi: 10.1080/00222930110109064](https://doi.org/10.1080/00222930110109064)
- Montagna, P.A., M. Alber, P. Doering, and M.S. Connor. 2002. Freshwater inflow: Science, policy, management. *Estuaries* 25:1243-1245. [doi: 10.1007/BF02692221](https://doi.org/10.1007/BF02692221)
- Ward, G.H., M.J. Irlbeck, and P.A. Montagna. 2002. Experimental river diversion for marsh enhancement. *Estuaries* 25: 1416-1425. [doi: 10.1007/BF02692235](https://doi.org/10.1007/BF02692235)
- Montagna, P.A., R.D. Kalke, and C. Ritter. 2002. Effect of restored freshwater inflow on macrofauna and meiofauna in upper Rincon Bayou, Texas, USA. *Estuaries* 25:1436-1447. [doi: 10.1139/f02-131](https://doi.org/10.1139/f02-131)
- Palmer, T.A., P.A. Montagna, and R.D. Kalke. 2002. Downstream effects of restored freshwater inflow to Rincon Bayou, Nueces Delta, Texas, USA. *Estuaries* 25:1448-1456. [doi: 10.1007/BF02692238](https://doi.org/10.1007/BF02692238)
- Montagna, P.A., S.C. Jarvis, and M.C. Kennicutt II. 2002. Distinguishing between contaminant and reef effects on meiofauna near offshore hydrocarbon platforms in the Gulf of Mexico. *Canadian Journal of Fisheries and Aquatic Sciences* 59:1584-1592. [doi: 10.1139/f02-131](https://doi.org/10.1139/f02-131)
- Mitwally, H. and P.A. Montagna. Egyptian interstitial Copepoda, Harpacticoida with the description of two new species and one new subspecies. 2001. *Crustaceana* 74:513-545. [doi: 10.1163/156854001300228825](https://doi.org/10.1163/156854001300228825)
- Riera P., P. A. Montagna, R. D. Kalke and P. Richard. 2000. Utilization of estuarine organic matter during growth and migration by juvenile brown shrimp *Penaeus aztecus* in a South Texas estuary. *Marine Ecology Progress Series* 199:205-216. [doi: 10.3354/meps199205](https://doi.org/10.3354/meps199205)
- Ward, L.A., Montagna, P.A., R.D. Kalke, and E.J. Buskey. 2000. Sublethal effects of Texas brown tide on *Streblospio benedicti* (Polychaeta) larvae. *Journal of Experimental Marine Biology and Ecology* 248:121-129.
- Carr, R.S., P.A. Montagna, J.M. Biedenbach, R. Kalke, M.C. Kennicutt, R. Hooten, and G. Cripe. 2000. Impact of storm water outfalls on sediment quality in Corpus Christi Bay, Texas. *Environmental Toxicology and Chemistry* 19:561-574.
- Ritter, M.C. and P.A. Montagna. 1999. Seasonal hypoxia and models of benthic response in a Texas bay. *Estuaries* 22:7-20. [doi: 10.2307/1352922](https://doi.org/10.2307/1352922)
- Street, G.T., G.R. Lotufo, P.A. Montagna, and J.W. Fleeger. 1998. Reduced genetic diversity in a meiobenthic copepod exposed to a xenobiotic. *Journal of Experimental Marine Biology and Ecology* 222:93-111.
- Buskey, E.J., P.A. Montagna, A.F. Amos, and T.E. Whitledge. 1997. Disruption of grazer populations as a contributing factor to the initiation of the Texas brown tide algal bloom. *Limnology and Oceanography* 42:1515-1522.
- Street, G.T., P.A. Montagna, and P.L. Parker. 1997. Incorporation of brown tide into an estuarine food web. *Marine Ecology Progress Series* 152:67-78.
- Montagna, P.A. and J. Li. 1997. Modeling contaminant effects on deposit feeding nematodes near Gulf of Mexico production platforms. *Ecological Modeling* 98:151-162.
- Mannino, A., and P.A. Montagna. 1997. Small scale spatial variation of macrobenthic community structure. *Estuaries* 20:159-173. [doi: /10.2307/1352729](https://doi.org/10.2307/1352729)
- Kennicutt, M.C., II, R. H. Green, P. Montagna and P. F. Roscigno. 1996. Gulf of Mexico Offshore Operations Experiment (GOOMEX) Phase I: Sublethal responses to contaminant exposure - introduction and overview. *Canadian Journal of Fisheries and Aquatic Sciences* 53:2540-2553.
- Montagna, P.A. and D. E. Harper, Jr. 1996. Benthic infaunal long-term response to offshore production platforms. *Canadian Journal of Fisheries and Aquatic Sciences* 53:2567-2588.
- Carr, R.S., D.C. Chapman, B.J. Presley, J.M. Biedenbach, L. Robertston, P. Boothe, R. Kilada, T. Wade, and P. Montagna. 1996. Sediment porewater toxicity assessment studies in the vicinity of offshore oil and gas production platforms in the Gulf of Mexico. *Canadian Journal of Fisheries and Aquatic Sciences* 53:2618-2628.
- Green, R.H. and P. Montagna. 1996. Implications for monitoring: Study designs and interpretation of results. *Canadian Journal of Fisheries and Aquatic Sciences* 53:2629-2636.
- Peterson, C.H., M.C. Kennicutt II, R.H. Green, P. Montagna, D.E. Harper, Jr., E.N. Powell, and P.F. Roscigno. 1996. Ecological consequences of environmental perturbations associated with offshore hydrocarbon production: A perspective from study of long-term exposures in the Gulf of Mexico. *Canadian Journal of Fisheries and Aquatic Sciences* 53:2637-2654.

- Street, G.T. and P.A. Montagna. 1996. Loss of genetic variability in harpacticoid copepods associated with offshore platforms. *Marine Biology* 126:271-282.
- Mannino, A. and P.A. Montagna. 1996. Fine-scale spatial variation of sediment composition and salinity in Nueces Bay of South Texas. *Texas Journal of Science* 48:1-14.
- Blanchard, G.F. and P.A. Montagna. 1995. Assessment of a brown tide impact on microalgal benthic communities in Baffin Bay (Texas) in 1990 using a primary production simulation model. *Oceanologica ACTA* 18:371-377.
- Martin, C.M. and P.A. Montagna. 1995. Environmental assessment of La Quinta Channel, Corpus Christi Bay, Texas. *Texas Journal of Science* 47:203-222.
- Montagna, P.A. and R.D. Kalke. 1995. Ecology of infaunal Mollusca in south Texas estuaries. *American Malacological Bulletin* 11:163-175. <http://www.biodiversitylibrary.org/item/172621#page/489/mode/1up>
- Montagna, P.A. 1995. Rates of meiofaunal microbivory: A review. *Vie et Milieu* 45:1-10.
- Montagna, P.A., J.E. Bauer, D. Hardin and R.B. Spies. 1995. Meiofaunal and microbial trophic interactions in a natural submarine hydrocarbon seep. *Vie et Milieu* 45:17-26.
- Montagna, P.A., G.F. Blanchard, and A. Dinét. 1995. Effect of production and biomass of intertidal microphytobenthos on meiofaunal grazing rates. *Journal of Experimental Marine Biology and Ecology* 185:149-165.
- Ruber, E., A. Gilbert, P.A. Montagna, G. Gillis, and E. Cummings. 1994. Effects of impounding coastal salt marsh for mosquito control on microcrustacean populations. *Hydrobiologia* 292/293:497-503.
- Montagna, P.A., D.A. Stockwell and R.D. Kalke. 1993. Dwarf surfclam *Mulinia lateralis* (Say, 1822) populations and feeding during the Texas brown tide event. *Journal of Shellfish Research* 12:433-442.
- Koepfler, E.T., R. Benner, and P.A. Montagna. 1993. Variability of dissolved organic carbon in sediments of a seagrass bed and an unvegetated area within an estuary in southern Texas. *Estuaries* 16:391-404.
- Webb, D.G. and P. Montagna. 1993. Reproductive patterns in meiobenthic Harpacticoida (Crustacea, Copepoda) of the California continental shelf (Santa Maria Basin). *Continental Shelf Research* 13:723-741.
- Webb, D.G. and P. A. Montagna. 1993. Initial burial and subsequent degradation of sedimented phytoplankton: Relative impact of macrobenthos and meiobenthos. *Journal of Experimental Marine Biology and Ecology* 156:151-164.
- Montagna, P.A. and R.D. Kalke. 1992. The effect of freshwater inflow on meiofaunal and macrofaunal populations in the Guadalupe and Nueces Estuaries, Texas. *Estuaries* 15:307-326. [doi: 10.2307/1352779](https://doi.org/10.2307/1352779)
- Blanchard, G.F. and P.A. Montagna. 1992. Photosynthetic response of natural assemblages of marine benthic microalgae to short- and long-term variations of incident irradiance in Baffin Bay, Texas. *Journal of Phycology* 28:7-14. [doi: 10.1111/j.0022-3646.1992.00007.x](https://doi.org/10.1111/j.0022-3646.1992.00007.x)
- Montagna, P.A. and W.B. Yoon. 1991. The effect of freshwater inflow on meiofaunal consumption of sediment bacteria and microphytobenthos in San Antonio Bay, Texas, U.S.A. *Estuarine and Coastal Shelf Science* 33:529-547.
- Montagna, P.A. 1991. Meiobenthic communities of the Santa Maria Basin on the California continental shelf. *Continental Shelf Research* 11:1355-1378.
- Kalke, R. and P.A. Montagna. 1991. The effect on freshwater inflow on macrobenthos in the Lavaca River delta and upper Lavaca Bay, Texas. *Contributions in Marine Science* 32:49-77. <http://hdl.handle.net/2152/18043>
- Hyland, J., D. Hardin, E. Crecelius, D. Drake, P. Montagna and M. Steinhauer. 1990. Monitoring long-term effects of offshore oil and gas development along the Southern California outer continental shelf and slope: Background environmental conditions in the Santa Maria Basin. *Oil & Chemical Pollution* 6:195-240.
- Montagna, P.A., J.E. Bauer, D. Hardin and R.B. Spies. 1989. Vertical distribution of microbial and meiofaunal populations in sediments of a natural hydrocarbon seep. *Journal of Marine Research* 47:657-680. [doi: 10.1357/002224089785076226](https://doi.org/10.1357/002224089785076226)
- Bauer, J.E., P.A. Montagna, R.B. Spies, M.C. Prieto and D. Hardin. 1989. Microbial biogeochemistry and heterotrophy in sediments of a marine hydrocarbon seep. *Limnology and Oceanography* 33:1493-1513.
- Palmer, M.A., P.A. Montagna, R.B. Spies and D. Hardin. 1988. Meiofauna dispersal near natural petroleum seeps in the Santa Barbara Channel: a recolonization experiment. *Oil & Chemical Pollution* 4:179-189.
- Montagna, P.A. and J.E. Bauer. 1988. Partitioning radiolabeled thymidine uptake by bacteria and meiofauna using metabolic blocks and poisons in benthic feeding studies. *Marine Biology* 98:101-110.
- Montagna, P.A., J.E. Bauer, J. Toal, D. Hardin and R.B. Spies. 1987. Temporal variability and the relationship between benthic meiofaunal and microbial populations of a natural coastal petroleum seep. *Journal of Marine Research* 45:761-789. [doi: 10.1357/002224087788326894](https://doi.org/10.1357/002224087788326894)
- Montagna, P.A., J.E. Bauer, M.C. Prieto, D. Hardin and R.B. Spies. 1986. Benthic metabolism in a natural coastal petroleum seep. *Marine Ecology Progress Series* 34:31-40.

- Spies, R.B., D.W. Rice, Jr., P.A. Montagna and R.R. Ireland. 1985. Reproductive success, xenobiotic contaminants and hepatic mixed-function oxidase (MFO) activity in *Platichthys stellatus* populations from San Francisco Bay. *Marine Environmental Research* 17:117-121.
- Montagna, P.A. and R.B. Spies. 1985. Meiofauna and chlorophyll associated with *Beggiatoa* mats of a natural submarine petroleum seep. *Marine Environmental Research* 16:231-242.
- Montagna, P.A. 1984. *In situ* measurement of meiobenthic grazing rates on sediment bacteria and edaphic diatoms. *Marine Ecology Progress Series* 18:119-130.
- Montagna, P.A. 1984. Competition for dissolved glucose between meiobenthos and sediment microbes. *Journal of Experimental Marine Biology and Ecology* 76:177-190.
- Montagna, P.A., B.C. Coull, T.L. Herring and B.W. Dudley. 1983. The relationship between abundances of meiofauna and their suspected microbial food (diatoms and bacteria). *Estuarine Coastal and Shelf Science* 17:381-394.
- Coull, B.C., E.L. Creed, R.A. Eskin, P.A. Montagna, M.A. Palmer and J.B.J. Wells. 1983. Phytal meiofauna from the rocky intertidal at Murrell's Inlet, South Carolina. *Transactions of the American Microscopy Society* 102:380-389.
- Montagna, P.A. 1983. Live controls for radioisotope tracer food chain experiments using meiofauna. *Marine Ecology Progress Series* 12:43-46.
- Montagna, P.A. 1982. Sampling design and enumeration statistics for bacteria extracted from marine sediments. *Applied and Environmental Microbiology* 43:1366-1372.
- Carey, A.G., Jr. and P.A. Montagna. 1982. Arctic Sea ice faunal assemblage: first approach to the description and source of the underice meiofauna. *Marine Ecology Progress Series* 8:1-8.
- Montagna, P.A. 1982. Morphological adaptation in the deep-sea benthic harpacticoid copepod family Cerviniidae. *Crustaceana* 42:37-43.
- Ruber, E., G. Gillis and P.A. Montagna. 1981. Production of dominant emergent vegetation and of pool algae on a northern Massachusetts salt marsh. *Bulletin of the Torrey Botanical Club* 108:180-188. doi: [10.2307/2484897](https://doi.org/10.2307/2484897)
- Montagna, P.A. and E. Ruber. 1980. Decomposition of *Spartina alterniflora* in different seasons and habitats in a northern Massachusetts salt marsh, and a comparison with other Atlantic regions. *Estuaries* 3:61-64.
- Montagna, P.A. 1980. A new species and a new genus of Cerviniidae (Copepoda: Harpacticoida) from the Beaufort Sea, with a revision of the family. *Proceedings of the Biological Society of Washington* 93:1204-1219.
- Montagna, P.A. 1980. Two new bathyal species of *Pseudotachidiu*s (Copepoda: Harpacticoida) from the Beaufort Sea (Alaska, USA). *Journal of Natural History* 14:567-578.
- Montagna, P.A. 1979. *Cervinia langi* n. sp. and *Pseudocervinia magna* (Copepoda: Harpacticoida) from the Beaufort Sea (Alaska, USA). *Transactions of the American Microscopy Society* 98:77-88. doi: [10.2307/3225941](https://doi.org/10.2307/3225941)
- Montagna, P.A. and A.G. Carey, Jr. 1978. Distributional notes of Harpacticoida (Crustacea: Copepoda) collected from the Beaufort Sea (Arctic Ocean). *Astarte* 11:117-122.

BOOK CHAPTERS (REFEREED)

- Montagna, P.A. and F Girard. 2020. Deep-sea benthic faunal impacts and community evolution before, during, and after the Deepwater Horizon event. In: Murawski S. A., Ainsworth C., Gilbert S., Hollander D., Paris C.B., Schlüter M., Wetzel D (eds) Deep Oil Spills: Facts, Fate, and Effects. Springer, Cham, pp. 355-373. doi: [10.1007/978-3-030-11605-7_22](https://doi.org/10.1007/978-3-030-11605-7_22)
- Schwing, P.T., P.A. Montagna, M.L. Machain-Castillo, E. Escobar-Briones, and M. Rohal. 2020. Benthic faunal baselines in the Gulf of Mexico: a precursor to evaluate future impacts (Chapter 6). In: Murawski S.A., Ainsworth C., Gilbert S., Hollander D., Paris C.B., Schlüter M., Wetzel D. (eds) Scenarios and Responses to Future Deep Oil Spills – Fighting the Next War. Springer, Cham, pp. 99-112. doi: [10.1007/978-3-030-12963-7_6](https://doi.org/10.1007/978-3-030-12963-7_6)
- Montagna, P.A., J.G. Baguley, M.G. Reuscher, G.T. Rowe, and T.L. Wade. 2020. Linking abiotic variables with macrofaunal and meiofaunal abundance and community structure patterns on the Gulf of Mexico continental slope (Chapter 7). In: Murawski S.A., Ainsworth C., Gilbert S., Hollander D., Paris C.B., Schlüter M., Wetzel D. (eds) Scenarios and Responses to Future Deep Oil Spills – Fighting the Next War. Springer, Cham, pp. 113-136. doi: [978-3-030-12963-7_7](https://doi.org/10.1007/978-3-030-12963-7_7)
- Montagna, P.A. and S.S. Arismendez 2019. Crude Oil Pollution II. Effects of the Deepwater Horizon contamination on sediment toxicity in the Gulf of Mexico. In: D'Mello, J.P.F. (ed.), A Handbook of Environmental Toxicology: Human Disorders and Ecotoxicology, CAB International, Oxfordshire, U.K., pp. 311-319. <https://www.cabi.org/bookshop/book/9781786394675>

- Reuscher, M.G., P.A. Montagna, and S.K. Sturdivant. 2019. Sampling Techniques for the Marine Benthos. In: J.K. Cochran, H. J. Bokuniewicz, and P. L. Yager, Encyclopedia of Ocean Sciences, 3rd Edition, 2:752-764. <https://doi.org/10.1016/B978-0-12-409548-9.10987-X>
- Blomberg, B.N., P. Montagna, J. Beseres Pollack, and D. Yoskowitz. 2015. Chapter 8, Emergy analysis for quantifying nutrient regulating ecosystem services of a subtidal oyster reef. In: Brown, M.T., S. Sweeney, D.E. Campbell, S. Huang, T. Rydberg, and S. Ulgiati (eds). Emergy Synthesis 8: Theory and Applications of the Emergy Methodology. Proceedings of the 8th Biennial Emergy Conference. Center for Environmental Policy, University of Florida, Gainesville, pp. 51-59. doi: https://cep.ees.ufl.edu/emergy/documents/conferences/ERC08_2014/08_Blomberg.pdf
- Klien, A.G., S.T. Sweet, M.C. Kennicutt II, T.L. Wade, T.A. Plamer, and P.A. Montagna. 2013. Long-Term Monitoring of Human Impacts to the Terrestrial Environment at McMurdo Station. In: T. Tin, D. Liggett, P.T. Maher, and M. Lamers (eds.), *Antarctic Futures*, pp 213-227. http://link.springer.com/chapter/10.1007/978-94-007-6582-5_9
- Mattson, R.A., K.W. Cummins, R.W. Merritt, P.A. Montagna, T. Palmer, J. Mace, J. Slater, and C. Jacoby. 2012. Benthic Macroinvertebrates, Chapter 11. In: E.F. Lowe, L.E. Battoe, H. Wilkening, M. Cullum, and T. Bartol (eds.), *The St. Johns River Water Supply Impact Study Final Report*. St. Johns River Water Management District, Palatka, Florida. <http://www.sjrwmd.com/watersupplyimpactstudy/>
- Montagna, P.A., J. Brenner, J. Gibeau, and S. Morehead. 2011. Coastal Impacts. In: Schmandt, J., G.R. North, and J. Clarkson (eds.), *The Impact of Global Warming on Texas, second edition*. University of Texas Press, Austin, Texas, pp. 96-123.
- Montagna, P., G. Ward and B. Vaughan. 2011. The importance and problem of freshwater inflows to Texas estuaries. In: *Water Policy in Texas: Responding to the Rise of Scarcity*, R.C. Griffin (ed.), The RFF Press, Washington, D.C. pp. 107-127.
- Montagna, P.A. and J. Li. 2010. Effect of Freshwater Inflow on Nutrient Loading and Macrobenthos Secondary Production in Texas Lagoons. In: *Coastal Lagoons: Critical Habitats of Environmental Change*, M. J. Kennish and H. W. Paerl (eds.), CRC Press, Taylor & Francis Group, Boca Raton, FL, pp. 513-539.
- Montagna, P.A., R.D. Kalke, M.F. Conley, and D.A. Stockwell. 2010. Relationship between Macroinfaunal Diversity and Community Stability, and a Disturbance Caused by a Persistent Brown Tide Bloom in Laguna Madre, Texas. In: *Coastal Lagoons: Critical Habitats of Environmental Change*, M. J. Kennish and H. W. Paerl (eds.), CRC Press, Taylor & Francis Group, Boca Raton, FL, pp. 117-136.
- Yoskowitz, D.W. and P.A. Montagna. 2009. Socio-economic factors that impact the desire to protect freshwater flow in the Rio Grande, USA. In: Brebbia, C.A. and E. Tiezzi (eds.), *Ecosystems and Sustainable Development VII*, WIT Press, Southampton, UK, pp. 547-558. doi: [10.2495/ECO090501](https://doi.org/10.2495/ECO090501)
- Montagna, P.A., E.M. Hill, and B. Moulton. 2009. Role of science-based and adaptive management in allocating environmental flows to the Nueces Estuary, Texas, USA. In: Brebbia, C.A. and E. Tiezzi (eds.), *Ecosystems and Sustainable Development VII*, WIT Press, Southampton, UK, pp. 559-570. doi: [10.2495/ECO090511](https://doi.org/10.2495/ECO090511)
- Suárez-Morales, E., J.W. Fleeger, and P.A. Montagna. 2009. Free-living Copepoda (Crustacea) of the Gulf of Mexico. In: D.L. Felder and D.K. Camp (eds.), *Gulf of Mexico: Origin, Waters, and Biota. Volume 1, Biodiversity*, Texas A&M University Press, College Station, TX, pp 841-870.
- Carr, R.S., P. Krause, and P. Montagna. 2008. Spatial and temporal patterns in toxicity around a municipal-industrial wastewater discharge in Corpus Christi Bay, Texas. In: T.N. Hofer (ed.), *Marine Pollution: New Research*, Nova Science Publishers, Inc., New York, Chapter 9, pp. 297-322.
- Coopersmith, E., B.S. Minsker, D. Maidment, B. Hodges, J. Bonner, T. Ojo, and P. Montagna. 2007. An Environmental Information System for Hypoxia in Corpus Christi Bay: A WATERS Network Testbed. World Environmental and Water Resources Congress 2007: Restoring Our Natural Habitat, 14 pp. [http://ascelibrary.org/doi/abs/10.1061/40927\(243\)289](http://ascelibrary.org/doi/abs/10.1061/40927(243)289)
- Montagna, P. A., J. C. Gibeau and J.W. Tunnell Jr.. 2007. South Texas Climate 2100: Coastal Impacts. In: J. Norwine and K. John (eds.), *South Texas Climate 2100: Problems and Prospects, Impacts and Implications*. . CREST-RESSACA. Texas A&M University-Kingsville, Kingsville, Texas. Chapter 3, pp. 57-77.
- Montagna, P.A. 2005. Measuring marine benthic community response. In: *Practical Biological Indicators of Human Impacts in Antarctica*, Volume II, COMNAP Secretariat. <http://vpr.tamu.edu/antarctic/workshop/workshop.php>
- Long, E.R., R.S. Carr, and P.A. Montagna. 2003. Porewater toxicity tests: value as a component of sediment quality triad assessments. In: R.S. Carr and M. Nipper (eds.) *Porewater Toxicity Testing: Biological, Chemical, and Ecological Considerations*. Society of Environmental Toxicology and Chemistry (SETAC) Press, Pensacola, FL. Chapter 8, pp. 163-200.

- R.S. Carr, E.R. Long, J.A. Mondon, P.A. Montagna, and P.F. Roscigno. 2003. Uses of porewater toxicity tests in sediment quality triad studies. In: R.S. Carr and M. Nipper (eds.) *Porewater Toxicity Testing: Biological, Chemical, and Ecological Considerations*. Society of Environmental Toxicology and Chemistry (SETAC) Press, Pensacola, FL. Chapter 9, pp. 201-228.
- Montagna, P.A. 2001. Field and laboratory methods for meiofaunal research. In: Hurst, C. J. (ed.), *Manual of Environmental Microbiology*, 2nd ed., ASM Press, Washington, DC, pp. 491 - 499.
- Whitledge, T.E., D.A. Stockwell, E.J. Buskey, K.C. Dunton, G.J. Holt, S.A. Holt, and P.A. Montagna. 1999. Persistent brown tide bloom in Laguna Madre, Texas. In: Kumpf, H., Steidinger, K., and Sherman, K. (eds.), *The Gulf of Mexico Large Marine Ecosystem*, Blackwell Science, Inc., Malden, MA, pp. 338-359.
- Twilley, R.R., J. Cowan, T. Miller-Way, P.A. Montagna and B. Mortazavi. 1999. Benthic nutrient fluxes in selected estuaries in the Gulf of Mexico. In: Bianchi, T.S., Pennock, J.R. and R. Twilley (eds.), *Biogeochemistry of Gulf of Mexico Estuaries*, John Wiley & Sons, Inc. Pp. 163 - 209.
- Montagna, P. 1993. Radioisotope technique to quantify *in situ* microbivory by meiofauna in sediments. In: *Handbook of Methods in Aquatic Microbial Ecology*, Kemp, P.F. Sherr, B.F., Sherr, E.B., and J.J. Cole (eds.), Lewis Publishers, Boca Raton, pp. 745-753.

PROCEEDINGS/PUBLICATIONS (NON-REFEREED)

- Montagna, P.A. 2021. Into the benthos and back: What have infauna taught us. *International Oil Spill Conference Proceedings* 2021(1): 685153, 11 pp. <http://dx.doi.org/10.7901/2169-3358-2021.1.685153>
- Montagna, P.A. 2018. Customizing ODS graphics to publish visualizations. South Central SAS Users Group (SCSUG) Proceedings, Austin, TX, 4-7 November 2018. <http://www.scsug.org/wp-content/uploads/2019/01/Montagna-Customizing-ODS-Graphics-to-Publish-Visualizations.pdf>
- Montagna, P. 2018. Nature's vital signs: Using bioindicators to understand ecosystem health. *Scientia*, 5 pages, <https://doi.org/10.26320/SCIENTIA243>
- Montagna, P.A. 2014. Using SAS to manage biological species data and calculate diversity indices. South Central SAS Users Group (SCSUG) Proceedings, Austin, TX, 8-9 November 2014. <http://www.scsug.org/wp-content/uploads/2015/10/Montagna-Using-SAS-to-Manage-Biological-Species-Data-and-Calculate-Diversity-Indices.pdf>
- Montagna, P.A. Using PROC STANDARD and PROC SCORE to impute missing multivariate values. South Central SAS Users Group (SCSUG) Proceedings, San Antonio, TX on 30-31 October 2013. <http://www.scsug.org/wp-content/uploads/2013/11/Using-PROC-STANDARD-and-PROC-SCORE-to-impute-missing-multivariate-values-Paul-Montagna.pdf>
- Sadovskii, A.L., P.A. Montagna and S. King. 2012. Modeling of marshlands ecosystems: roadmap to restoration of Nueces Delta Marshes. In: Jha, M.K. (ed.) Recent Advances in Fluid Mechanics: Proceedings of the 9th WSEAS International Conference on Mathematical Biology and Ecology (MABE '12), WSEAS Press, pp. 100-104. <http://www.wseas.org/multimedia/books/2012/CambridgeUSA/FLUHMABE.pdf>
- Montagna, P.A. "Using SAS for multivariate analysis of water quality parameters to determine freshwater inflow needs of estuarine organisms in Texas bays." South Central SAS Users Group (SCSUG) Proceedings, Austin, TX, 8-9 November 2010. http://www.scsug.org/SCSUGProceedings/2010/Montagna/Montagna_SCSUG_2010.pdf
- Sadovskii, A.L. and P.A. Montagna. 2010. Spatial-temporal model of multi-species vegetation in marshlands. In: Andrea, P. and Kilyeni, S. (eds.), Selected Topics in Mathematical Methods and Computational Techniques in Electrical Engineering (MMACTEE '10). WSEAS Press. pp 161-164. 2010. <http://www.wseas.org/multimedia/books/2010/Timisoara/MMACTEE.pdf>

ARTICLES (NON-REFEREED)

- Montagna, P.A. and J. Slobodien. 2021. *Estuaries and Coasts* Now a Transformative Journal. *CERF's Up!* 47(2): 16-17. <https://www.cerf.science/cerfs-up-bulletin>
- Montagna, P.A., S. Simenstad, K. Heck and T. Bowen. 2021. *Estuaries and Coasts* Update. *CERF's Up!* 47(1): 20-21. <https://www.cerf.science/cerfs-up-bulletin>
- Montagna, P.A., S. Simenstad, and T. Bowen. 2019. *Estuaries and Coasts* Update. *CERF's Up!* 45(3): 20-23. <https://www.cerf.science/cerfs-up-bulletin>
- Montagna, P.A. 1993. "Valuing Cultural Diversity." Texas Lone Star. *Journal of the Texas Association of School Boards* 11:37-39

ARCHIVED DATASETS

- Montagna, P.A., E. Harris, A. Douglas, L. Vitale, D. Buzan. 2022. Formosa Plastics Discharge Monitoring in Lavaca Bay, Texas, USA. Distributed by: Gulf of Mexico Research Initiative Information and Data Cooperative (GRIIDC), Harte Research Institute, Texas A&M University–Corpus Christi. <https://doi.org/10.7266/DCNHQD59>
- Rohal, M., C. Ainsworth, B. Lupher, P.A. Montagna, C. Paris-Limouzy, N. Perlin, P.M. Suprenand and D. Yoskowitz. 2021. Dataset for: The effect of the Deepwater Horizon oil spill on two ecosystem services in the Northern Gulf of Mexico. Distributed by: Gulf of Mexico Research Initiative Information and Data Cooperative (GRIIDC), Harte Research Institute, Texas A&M University–Corpus Christi. [doi:10.7266/n7-skas-7477](https://doi.org/10.7266/n7-skas-7477)
- Leon, M., C. Patrick, B. Branoff, J. Kominoski, A. Armitage, M. Campos-Cerqueira, M. Chapela Lara, V. Congdon, T. Crowl, D. Devlin, S. Douglas, B. Erisman, R. Feagin, M. Fisher, S. Geist, N. Hall, A. Hardison, J. Hogan, J. Hogan, T. Lin, X. Liu, K. Lu, P. Montagna, C. O'Connell, S. Pennings, C. Proffitt, J. Rehage, J. Reustle, K. Robinson, S. Rush, R. Santos, R. Smith, G. Starr, T. Strazisar, B. Strickland, M. Wetz, S. Kelly, S. Wilson, H. Xinping, J. Xue, L. Yeager, X. Zou, and W. McDowell. 2020. Ecosystem Responses to Hurricanes across North America, the Caribbean, and Taiwan; 1985 to 2018 ver 15. Environmental Data Initiative. <https://doi.org/10.6073/pasta/b37b75d188f9f2ecb57e049c29703cc8>
- Sevigny, J., F. Leasi, M. Reuscher, A. Schulze, H. Bik, P.A. Montagna, and K.W. Thomas. 2020. Whole genome DNA sequences of the spionid polychaete *Streblospio* collected from Oso Bay and Palmetto Park, Corpus Christi on 2017-01-01. Distributed by: Gulf of Mexico Research Initiative Information and Data Cooperative (GRIIDC), Harte Research Institute, Texas A&M University–Corpus Christi. UDI: R5.x272.000:0002, [doi: 10.7266/n7-d9rb-x333](https://doi.org/10.7266/n7-d9rb-x333).
- Sevigny, J., F. Leasi, K. Thomas, M. Reuscher, H. Bik, P. Montagna and K. Morris. 2020. Whole genome DNA sequences of Gulf of Mexico invertebrates. Distributed by: Gulf of Mexico Research Initiative Information and Data Cooperative (GRIIDC), Harte Research Institute, Texas A&M University–Corpus Christi. [doi:10.7266/n7-pchj-dh15](https://doi.org/10.7266/n7-pchj-dh15)
- Lebreton, Benoit, J. Beseres Pollack, B. Blomberg, T.A. Palmer, and P.A. Montagna. 2020. Oyster growth in a shallow subtropical estuary (Mission-Aransas Estuary, Texas, USA) 2010-11-24 to 2011-08-17. Distributed by: Gulf of Mexico Research Initiative Information and Data Cooperative (GRIIDC), Harte Research Institute, Texas A&M University–Corpus Christi. [doi:10.7266/AC120KMV](https://doi.org/10.7266/AC120KMV)
- Montagna, P.A. 2020. Deep-sea sediment Microtox® toxicity. Center for the Integrated Modeling and Analysis of Gulf Ecosystems III (C-IMAGE III). Distributed by: Gulf of Mexico Research Initiative Information and Data Cooperative (GRIIDC), Harte Research Institute, Texas A&M University–Corpus Christi. UDI: R6.x805.000:0099, [doi:10.7266/CDDK49GB](https://doi.org/10.7266/CDDK49GB).
- Montagna, P.A. 2020. Benthic footprint of the Deepwater Horizon oil spill data analyzed from sediment cores collected aboard R/V Ocean Veritas and R/V Gyre cruises in the northern Gulf of Mexico from 2010-09-16 to 2010-10-22. Distributed by: Gulf of Mexico Research Initiative Information and Data Cooperative (GRIIDC), Harte Research Institute, Texas A&M University–Corpus Christi. UDI: R5.x272.000:0007, [doi:10.7266/FDKAJKNE](https://doi.org/10.7266/FDKAJKNE).
- Joseph Sevigny, Francesca Leasi, Kelley Thomas, Michael Reuscher, Holly Bik, Paul Montagna and Krystalynne Morris. 2020. Whole genome DNA sequences of Gulf of Mexico invertebrates. Distributed by: Gulf of Mexico Research Initiative Information and Data Cooperative (GRIIDC), Harte Research Institute, Texas A&M University–Corpus Christi. [doi:10.7266/n7-pchj-dh15](https://doi.org/10.7266/n7-pchj-dh15)
- Montagna, P.A. 2019. Project: RAPID: Capturing the Signature of Hurricane Harvey on Texas Coastal Lagoons – Hydrography data. Biological & Chemical Oceanography-Data Management Office (BCO-DMO). [doi: 10.1575/1912/bco-dmo.784614.1](https://doi.org/10.1575/1912/bco-dmo.784614.1)
- Montagna, P.A. 2019. Project: RAPID: Capturing the Signature of Hurricane Harvey on Texas Coastal Lagoons – Benthic biomass data. Biological & Chemical Oceanography-Data Management Office (BCO-DMO). [doi: 10.1575/1912/bco-dmo.784759.1](https://doi.org/10.1575/1912/bco-dmo.784759.1)
- Montagna, P.A. 2019. Project: RAPID: Capturing the Signature of Hurricane Harvey on Texas Coastal Lagoons – Benthic species data. Biological & Chemical Oceanography-Data Management Office (BCO-DMO). [doi: 10.1575/1912/bco-dmo.784677.1](https://doi.org/10.1575/1912/bco-dmo.784677.1)
- van Eenennaam, J.S., Rohal, M., Montagna, P.A., Radovic, J.R., Oldenburg, T.B.P., Romero, IC., Murk, A.J., Foekema, E.M. 2019. Dataset for: Ecotoxicological benthic impacts of experimental oil-contaminated marine snow deposition. Distributed by: Gulf of Mexico Research Initiative Information and Data Cooperative (GRIIDC), Harte Research Institute, Texas A&M University–Corpus Christi. UDI: R4.x267.000:0117, [doi: 10.7266/n7-bpgc-0b13](https://doi.org/10.7266/n7-bpgc-0b13).

- Montagna, P.A., and M. Rohal. 2019. Benthic infauna data from sediment cores collected aboard R/V Justo Sierra cruise JS-0815 in the southern Gulf of Mexico from 2015-08-03 to 2015-08-06. Distributed by: Gulf of Mexico Research Initiative Information and Data Cooperative (GRIIDC), Harte Research Institute, Texas A&M University–Corpus Christi. UDI: R4.x267.000:0116, [doi: 10.7266/n7-16vv-kd67](https://doi.org/10.7266/n7-16vv-kd67).
- Paudel, B., P.A. Montagna and L. Adams. 2019. Water quality data from estuarine variable hydrologic flow regimes during frequent drought. *Data in Brief* 25:104178, 18 pp. [doi: 10.1016/j.dib.2019.104178](https://doi.org/10.1016/j.dib.2019.104178)
- Montagna, P.A. and Nelson, K.K. 2018. Application of the CUASHI ODM for Corpus Christi Bay Environmental Flows and Hypoxia data. http://hiscentral.cuahsi.org/pub_network.aspx?n=5647
- Rohal, M., and P.A. Montagna. 2018. The impact of experimental oil-contaminated marine snow on meiofauna. Center for the Integrated Modeling and Analysis of Gulf Ecosystems II (C-IMAGE II). UDI: UDI: R4.x267.000:0108, [doi: 10.7266/N74J0CRK](https://doi.org/10.7266/N74J0CRK).
- Montagna, P.A. 2018. Meta-analysis of Gulf of Mexico Macrofauna Data from 1983-11-26 to 2015-08-09. Distributed by: Gulf of Mexico Research Initiative Information and Data Cooperative (GRIIDC), Harte Research Institute, Texas A&M University–Corpus Christi. UDI: R6.x805.000:0062, [doi: 10.7266/n7-4g22-3t28](https://doi.org/10.7266/n7-4g22-3t28).
- Montagna, P.A. 2018. Meta-analysis of Gulf of Mexico Meiofauna data from 1983-11-26 to 2015-08-06. Distributed by: Gulf of Mexico Research Initiative Information and Data Cooperative (GRIIDC), Harte Research Institute, Texas A&M University–Corpus Christi. UDI: R6.x805.000:0061, [doi: 10.7266/n7-7247-vx96](https://doi.org/10.7266/n7-7247-vx96).
- Montagna, P.A. 2018. Temporal analysis of NRDA macrofauna data, northern Gulf of Mexico, 2010, 2011, and 2014. Center for the Integrated Modeling and Analysis of Gulf Ecosystems II (C-IMAGE II). UDI: R4.x267.000:0019, [doi: 10.7266/N7BZ643F](https://doi.org/10.7266/N7BZ643F).
- Montagna, P.A. 2017. Temporal analysis of NRDA sediment chemistry data, northern Gulf of Mexico, 2010, 2011, and 2014. Center for the Integrated Modeling and Analysis of Gulf Ecosystems II (C-IMAGE II). UDI: R4.x267.000:0018, [doi:10.7266/N7GQ6VSX](https://doi.org/10.7266/N7GQ6VSX)
- Montagna, P.A. 2016. Freshwater Inflow Tools <http://www.freshwaterinflow.org/databases>
- Montagna, P.A. 2013. <http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0070540#s5>
- Montagna, P.A.. 2003. Laguna Madre Estuary water column data on going from 4/27/88. Knowledge Network for Biocomplexity. [doi:10.5063/AA/obfs2.464.1](https://doi.org/10.5063/AA/obfs2.464.1)
- Montagna, P.A.. 2003. Brazos River Estuary benthic data from 10-18-00 to 7-30-05. Knowledge Network for Biocomplexity. [doi: 10.5063/AA/obfs2.463.1](https://doi.org/10.5063/AA/obfs2.463.1)
- Montagna, P.A. 2003. Brazos River Estuary water column data from 10-8-00 to 7-30-05. Knowledge Network for Biocomplexity. [doi:10.5063/AA/obfs2.462.1](https://doi.org/10.5063/AA/obfs2.462.1)

TEXAS ENVIRONMENTAL FLOW SCIENCE ADVISORY COMMITTEE (SAC) REPORTS (P.A. Montagna, co-author on all)

- Science Advisory Committee. 2011c. Fluvial Sediment Transport as an Overlay to Instream Flow Recommendations for the Environmental Flows Allocation Process, Addendum. Report # SAC-2011-02, August 31, 2011. Available at https://www.tceq.texas.gov/assets/public/permitting/watersupply/water_rights/eflows/sac_2011_08_sedtranspo_rtdaddendum.pdf
- Science Advisory Committee. 2011b. Use of Hydrologic Data in the Development of Instream Flow Recommendations for the Environmental Flows Allocation Process and the Hydrology-Based Environmental Flow Regime (HEFR) Methodology. Third Edition. Report # SAC-2011-01, March 15, 2011. Available at http://www.tceq.texas.gov/assets/public/permitting/watersupply/water_rights/eflows/hydrologicmethods06172011.pdf
- Science Advisory Committee. 2011a. Discussion Paper: Consideration of Attainment Frequencies and Hydrologic Conditions in Developing and Implementing Instream Environmental Flow Regimes. Report # SAC-2011-01, January 1, 2011. Available at https://www.tceq.texas.gov/assets/public/permitting/watersupply/water_rights/eflows/discussion_paper_attainmentfreq20110101.pdf
- Science Advisory Committee. 2010d. Considerations of Methods for Evaluating Interrelationships Between Recommended SB-3 Environmental Flow Regimes and Proposed Water Supply Projects. Report # SAC-2010-04, November 12, 2010. Available at https://www.tceq.texas.gov/assets/public/permitting/watersupply/water_rights/eflows/20101112wam_applications.pdf
- Science Advisory Committee. 2010c. Considerations in the Development of an SB3 Work Plan for Adaptive Management. Report # SAC-2010-02, August 20, 2010. Available at

- https://www.tceq.texas.gov/assets/public/permitting/watersupply/water_rights/eflows/20100820sac_guidance_workplan.pdf
- Science Advisory Committee. 2010b. Lessons Learned from Initial SB3 BBEST Activities. Report # SAC-2010-01, July 14, 2010. Available at https://www.tceq.texas.gov/assets/public/permitting/watersupply/water_rights/eflows/20100714sac_lessonslearned.pdf
- Science Advisory Committee. 2010a. Discussion Paper: Moving From Instream Flow Regime Matrix Development to Environmental Flow Standard Recommendations. February 17, 2010. Available at https://www.tceq.texas.gov/assets/public/permitting/watersupply/water_rights/eflows/sac_discussionpaper.pdf
- Science Advisory Committee. 2009f. Nutrient and Water Quality Overlay for Hydrology-Based Instream Flow Recommendations. Report # SAC-2009-06, November 3, 2009. Available at https://www.tceq.texas.gov/assets/public/permitting/watersupply/water_rights/eflows/wqoverlay_200911039.pdf
- Science Advisory Committee. 2009e. Essential Steps for Biological Overlays in Developing Senate Bill 3 Instream Flow Recommendations. Report # SAC-2009-05, August 31, 2009. Available at https://www.tceq.texas.gov/assets/public/permitting/watersupply/water_rights/eflows/biologyoverlay.pdf
- Science Advisory Committee. 2009d. Fluvial Sediment Transport as an Overlay to Instream Flow Recommendations for the Environmental Flows Allocation Process. Report # SAC-2009-04, May 29, 2009. Available at https://www.tceq.texas.gov/assets/public/permitting/watersupply/water_rights/eflows/sac_2009_04_sedtransport.pdf
- Science Advisory Committee. 2009c. Methodologies for Establishing a Freshwater Inflow Regime for Texas Estuaries Within the Context of the Senate Bill 3 Environmental Flows Process. Report # SAC-2009-03-Rev1., June 5, 2009. Available at https://www.tceq.texas.gov/assets/public/permitting/watersupply/water_rights/eflows/fwi20090605.pdf
- Science Advisory Committee. 2009b. Geographic Scope of Instream Flow Recommendations. Report # SAC-2009-02, April 3, 2009. Available at https://www.tceq.texas.gov/assets/public/permitting/watersupply/water_rights/eflows/geographicscope.pdf
- Science Advisory Committee. 2009a. Use of Hydrologic Data in the Development of Instream Flow Recommendations for the Environmental Flows Allocation Process and The Hydrology-Based Environmental Flow Regime (HEFR) Methodology. Report # SAC-2009-01-Rev1., April 20, 2009. Available at https://www.tceq.texas.gov/assets/public/permitting/watersupply/water_rights/eflows/hydrologicmethods06172011.pdf
- Science Advisory Committee. 2006. Recommendations of the Science Advisory Committee. Presented to Governor's Environmental Flows Advisory Committee, August 21, 2006. Available at https://www.tceq.texas.gov/assets/public/permitting/watersupply/water_rights/txefsac8132008article5.pdf
- Science Advisory Committee. 2004. Report on Water For Environmental Flows. Prepared for Senate Bill 1639, 78th Legislature, Study Commission on Water For Environmental Flows, October 26, 2004. Available at https://www.tceq.texas.gov/assets/public/permitting/watersupply/water_rights/txefsac8132008article4.pdf

TECHNICAL REPORTS

- Montagna, P.A. 2022. Long-Term Benthic Data: Adaptive Management of Three Basins. Final Report to the Texas Water Development Board, Contract # 2000012436. Texas A&M University-Corpus Christi, Corpus Christi, Texas, 73 pp.
- Montagna, P.A., D.M. Coffey, R.H. Jose, and G. Stunz. 2021. Vulnerability Assessment of Coastal Bend Bays. Final Report 2120 for the Coastal Bend Bays & Estuaries Program. Harte Research Institute, Texas A&M University, Corpus Christi, Texas, USA, 56 pp. https://www.cbbep.org/manager/wp-content/uploads/2120-Final-Report_FINAL.pdf
- Montagna, P.A., J. Gibeaut, M. Dotson, A.R. Douglas, J. Magolan, J.M. Palacios, L. Renner, M. Subedee, and K. Trevino. 2021. Evaluation of the Proposal for Widening and Deepening the Matagorda Ship Channel. Final report to the Matagorda Bay Mitigation Trust, Contract Number 016. Harte Research Institute, Texas A&M University-Corpus Christi, Corpus Christi, Texas, USA, 63 pp.
- Montagna, P.A. and A.R. Douglas. 2021. Workshop Report: Freshwater Inflow to Texas Bays and Estuaries. Report to the Texas General Land Office for Project # 21-155-007-C879. Harte Research Institute, Texas A&M University-Corpus Christi, Corpus Christi, Texas, USA, 41 pp.
- Montagna, P.A., P.M. Cockett, E.M. Kurr and J. Truogale. 2020. Assessment of the Relationship Between Freshwater Inflow and Biological Indicators in Lavaca

- Bay. Final Report to the Texas Water Development Board, Contract # 1800012268. Harte Research Institute, Texas A&M University-Corpus Christi, Corpus Christi, Texas, 115 pp.
- Montagna, P.A. and P.M. Cockett, and M. Rohal. 2020. Using Comparative Long-term Benthic Data for Adaptive Management of Freshwater Inflow to Three Basins. Final Report to the Texas Water Development Board, Contract # 1800012223. Texas A&M University-Corpus Christi, Corpus Christi, Texas, 87 pp.
- Montagna, P.A., X. Hu, and M. Wetz. 2019. RAPID: Capturing the Signature of Hurricane Harvey on Texas Coastal Lagoons. Final Report to National Science Foundation for project # 1760006. . Texas A&M University-Corpus Christi, Corpus Christi, TX. 13 pp.
- Montagna, P.A., X. Hu, M. Wetz, R. Byrne, Z. Liu, and H.-C. Kim. 2019. The Hydrological Switch: A Novel Mechanism Explains Eutrophication and Acidification of Estuaries. Final Report to NOAA, NOS, National Center for Coastal Ocean Science (NCCOS) for project # NA15NOS4780185. Texas A&M University-Corpus Christi, Corpus Christi, TX. 28 pp.
- Montagna, P.A. 2019. Management Strategies for the Rincon Bayou Pipeline. Final Report to the Coastal Bend Bays & Estuaries Program for Project # 1817, CBBEP Publication – 128. Harte Research Institute, Texas A&M University-Corpus Christi, Corpus Christi, Texas, 45 pp.
- Montagna, P.A. 2018. Management Strategies for the Rincon Bayou Pipeline. Quality Assurance Project Plan for U.S. EPA Cooperative Agreement # C6-480000-54, EPA Q-TRAK # 18-387, and Coastal Bend Bays & Estuaries Program Project # 1817. Harte Research Institute, Texas A&M University-Corpus Christi, Corpus Christi, Texas, 32 pp.
- Montagna, P.A., M. Wetz, and X. Hu. 2017. Monitoring Mid-Coastal Estuaries - 2016. Final Report to the Texas Water Development Board, Contract # 1600011924. Texas A&M University-Corpus Christi, Corpus Christi, Texas, 51 p.
- Turner, E.L., K. Savage, J. Trungale, T.A. Palmer and P.A. Montagna. 2016. Effect of freshwater inflow on habitat suitability change in Texas bays. Report to the Texas Environmental Flows Working Group and National Fish and Wildlife Foundation. Harte Research Institute, Texas A&M University-Corpus Christi, Corpus Christi, Texas. 35 pages.
- Montagna, P.A., D.A. Yoskowitz, and C. Carrollo. 2016. The Effect of the Deepwater Horizon Oil Spill on Human Wellbeing in the Gulf of Mexico. Final report submitted to the National Academy of Science, Gulf of Mexico Research Program, Exploratory Grants – Award Year 2015, NAS Grant Number 200005982. Texas A&M University - Corpus Christi, Corpus Christi, Texas. 33 pages.
- Montagna, P.A., C. Chaloupka, E. DelRosario, A. Gordon, and E.L. Turner. 2016. Effects on Benthic Macrofauna from Pumped Flows to Rincon Bayou. Final Report to the Coastal Bend Bays & Estuaries Program for Project # 1617. Harte Research Institute, Texas A&M University-Corpus Christi, Corpus Christi, Texas, 61 pp. http://www.cbep.org/manager/wp-content/uploads/CBBEP-1617-Final-Report_web.pdf
- Chaloupka, C. and P.A. Montagna 2016. *Vallisneria americana*'s physiological responses to change in salinity. Report to the Texas Environmental Flows Working Group and the National Fish and Wildlife Foundation. Harte Research Institute, Texas A&M University-Corpus Christi, Corpus Christi, Texas, 5 pp.
- Montagna, P.A., L. Adams, C. Chaloupka, E. DelRosario, R.D. Kalke, and E.L. Turner. 2016. Determining Optimal Pumped Flows to Nueces Delta. Final Report to the Texas Water Development Board, Contract # 1548311787. Harte Research Institute, Texas A&M University-Corpus Christi, Corpus Christi, Texas, 75 p.
- Montagna, P.A. 2016. The Relationship Between Flows, Salinity, and Blue Crabs. Report to Texas Environmental Flows Working Group and National Fish and Wildlife Foundation. Harte Research Institute, Texas A&M University-Corpus Christi, Corpus Christi, Texas, 12 pp.
- Stunz, G, T. Topping, J. Williams, P. Montagna, and K. Lavelle. 2015. TM 2.1 – Identification and Characterization of Potential Environmental Impacts Mitigation and Measures Related to Intake and Discharge Facilities of Seawater Desalination Plants. Final Report to Freese and Nichols for the Variable Salinity Desalination Demonstration Project, City of Corpus Christi. Texas A&M University-Corpus Christi, Harte Research Institute for Gulf of Mexico Studies, Corpus Christi, Texas. 31 pp.
- Cooksey, C., J.G. Baguley, and P.A. Montagna. 2015. Cruise Report for Deepwater Sediment Sampling Cruise M/V IRISH: Leg 1, 29 May to 10 June 2014, to Assess Potential Benthic Impacts from the Deepwater Horizon (DWH) Oil Spill. NOAA Technical Memorandum NOS NCCOS 205. 116 pp. <http://www2.coastalscience.noaa.gov/publications/detail.aspx?resource=zsegzJYWlhXGg4LqiAt3eerXomWfTBgH4BaDXRn9TH8=>
- Montagna, P.A. and E.L. Turner. 2015. GCOOS Modeling Task Team Report on Ecological Modeling Workshop 2014. Final report to the Gulf of Mexico Coastal Ocean Observing System. 21 pp.

- Montagna, P.A., L. Adams, C. Chaloupka, E. DelRosario, A. Gordon, M. Herdener, R.D. Kalke, T.A. Palmer, and E.L. Turner. 2015. Effects of Pumped Flows into Rincon Bayou on Water Quality and Benthic Macrofauna. Final Report to the Coastal Bend Bays & Estuaries Program for Project # 1417. Harte Research Institute, Texas A&M University-Corpus Christi, Corpus Christi, Texas, 46 pp. <http://www.cbbep.org/manager/wp-content/uploads/CBBEP-1417-Final-Report.pdf>
- Montagna, P.A. and M. Herdener. 2015. Effects on Benthic Macrofauna from Pumped Flows in Rincon Bayou. Final Report to the Coastal Bend Bays & Estuaries Program for Project # 1517. Harte Research Institute, Texas A&M University-Corpus Christi, Corpus Christi, Texas, 18 pp. <http://www.cbbep.org/manager/wp-content/uploads/CBBEP-1517-Final-Report.pdf>
- Montagna, P.A., and Palmer, T. 2014. Minimum Flow and Level Analysis of Benthic Macrofauna in the Caloosahatchee Estuary. Draft Final Report to the South Florida Water Management District. Harte Research Institute, Texas A&M University-Corpus Christi, Corpus Christi, TX, 119 pp.
- Montagna, P.A. 2013. Macrobenthos Monitoring In Mid-Coastal Estuaries - 2013.Final Report to the Texas Water Development Board, Contract # 1248311357.Harte Research Institute, Texas A&M University-Corpus Christi, Corpus Christi, Texas, 34 pp.
- Montagna, P.A., J.G. Baguley, C. Cooksey, and J.L. Hyland. 2013. Deepwater Horizon Oil Spill: Assessment of Potential Impacts on the Deep Soft-Bottom Benthos. Interim Data Summary Report. NOAA Technical Memorandum NOS NCCOS 166. NOAA, National Centers for Coastal Ocean Science, Charleston, SC. 32 p.
- Montagna, P.A, B. Spiering, A. Reisinger, and B. Paudel. 2013. Establishing Standard Water Quality Criteria Using Satellite Products for Texas. Final report NASA Contract Number: NNX09AR55G in support of the ROSES 2008 A.28 Program. Harte Research Institute for Gulf of Mexico Studies, Texas A&M University-Corpus Christi, Corpus Christi, Texas. 23 pp.
- Montagna, P.A., A.L. Sadvoski, S. King, K.C. Nelson and T. Palmer. 2013. Nueces Delta Ecological Modeling for Nueces River and Tributaries Texas. Final Report to U.S. Army Corps of Engineers for Contract Number: W9126G-09-T0076. Harte Research Institute for Gulf of Mexico Studies, Texas A&M University at Corpus Christi, Corpus Christi, Texas. 22 pp.
- Hodges, B.R., K.H. Dunton, P.A. Montagna, and G.H. Ward. 2012. Nueces Delta Restoration Study. Final Report to the Coastal Bend Bays and Estuaries Program, Project Number 1001, CBBEP Publication 84, Corpus Christi, TX, 133 pp. <http://cbbep.org/publications/pubication1001.pdf>
- Montagna, P.A. and T. Palmer. 2012. Impacts of Droughts and Low Flows on Estuarine Health and Productivity. Final Report to the Texas Water Development Board, Project for Interagency Agreement 1100011150. Harte Research Institute, Texas A&M University-Corpus Christi, Corpus Christi, Texas. 142 pp.
- Montagna, P.A and, T.A. Palmer. 2012. Water and Sediment Quality Status and Trends in the Coastal Bend Area – Phase 2: Data Analysis. Report submitted to the Coastal Bend Bays & Estuaries Program for project 1206. Texas A&M University - Corpus Christi, Harte Research Institute for Gulf of Mexico Studies, 520 pp. <http://www.cbbep.org/publications/publication1206updated.pdf>
- Montagna, P.A., K. Nelson and A. Uppaluri. 2012. Water and Sediment Quality Status and Trends in the Coastal Bend Area – Phase 1: Data Archiving And Publishing. Report submitted to the Coastal Bend Bays & Estuaries Program for project 1105. Texas A&M University - Corpus Christi, Harte Research Institute for Gulf of Mexico Studies, 16 pp.
- Venable, C., T.A. Palmer, P.A. Montagna, and G. Sutton. 2011. Historical Review of the Nueces Estuary in the 20th Century. Final Report for TWDB Project # 1148311288. Harte Research Institute, Texas A&M University-Corpus Christi, Corpus Christi, Texas, 51 p.
- Montagna, P.A. and C. Cooksey. 2011. Cruise Report for: Deepwater Sediment Sampling Cruise M/V Sarah Bordelon, 23 May 2011 – 11 June 2011. Final report to: Mississippi Canyon 252 Oil Spill, NRDA Deepwater Benthic Communities Technical Working Group.
- Montagna, P.A., and T.A. Palmer. 2011. Effect of Freshwater Inflow on Macrobenthos Productivity in the Guadalupe Estuary 2009-2010. Final Report to the Texas Water Development Board, Contract # 1004831015. Harte Research Institute, Texas A&M University-Corpus Christi, Corpus Christi, Texas, 15 pp.
- Montagna, P.A., L.M. Hutchison, D. Scholz, T. Palmer, S. Arismendez, and D. Yoskowitz. 2011. Nueces Estuary Ecosystem Management Initiative: An Ecosystem Services-based Plan. Final Report submitted to the Coastal Bend Bays & Estuaries Program for project number 1018, report CBBEP-072. Texas A&M University - Corpus Christi, Harte Research Institute for Gulf of Mexico Studies, 170 pp. <https://www.cbbep.org/publications/virtuallibrary/1018.pdf>

- Montagna, P.A., B.N. Blomberg, S.A. Arismendez, S.A., S. Nanez-James, T.A. Palmer, and D. Sholz. 2010. Evaluation of Marine Productivity Study For the OCS Planning Areas: Secondary and Tertiary Production. Final report to CSA International, Inc.. 103 pp.
- Montagna, P.A., H.-C. Kim, T. Palmer, and J. B. Pollack. 2010. Ecological and Socio-economic Impacts on Coastal and Marine Areas From Watershed Development. Final report to the Korea Maritime Institute. Harte Research Institute, Texas A&M University-Corpus Christi, Corpus Christi, Texas, 122 p.
- Kim, H.-C. and P.A. Montagna. 2009. Effect of Climatic Variability on Freshwater Inflow, Benthic Communities, and Secondary Production in Texas Lagoonal Estuaries. Final report to the Texas Water Development Board, contract number 08-483-0791. Harte Research Institute for Gulf of Mexico Studies, Texas A&M University-Corpus Christi, Corpus Christi, Texas. 92 pages.
- Montagna, P.A., and T.A. Palmer. 2009. Effect of Freshwater Inflow on Macrobenthos Productivity in the Guadalupe Estuary 2008-2009. Final Report to the Texas Water Development Board, Contract # 0904830893. Harte Research Institute, Texas A&M University-Corpus Christi, Corpus Christi, Texas, 10 pp.
- Montagna, P.A., T. Palmer, M. Gil, E. Hill, B. Nicolau, and K. Dunton. 2009. Response of the Nueces Estuarine Marsh System to Freshwater Inflow: An Integrative Data Synthesis of Baseline Conditions for Faunal Communities. Coastal Bend Bays & Estuaries Program Publication CBBEP-62 for project # 0821. Texas A&M University - Corpus Christi, Harte Research Institute for Gulf of Mexico Studies, 27 pp. <http://cbbep.org/publications/virtuallibrary/0821.pdf>
- Montagna, P.A. 2009. Preliminary Habitat Management Plan for the Corpus Christi Bay Area. Report submitted to the Coastal Bend Bays & Estuaries Program for project # 07-08. Texas A&M University - Corpus Christi, Harte Research Institute for Gulf of Mexico Studies, 6 pp.
- Montagna, P.A. and T. Palmer. 2009. Benthic monitoring of the Mollie Beattie Coastal Habitat community in relation to opening Packery Channel. Final Report to HDR Shiner Moseley and Associates, Inc. Harte Research Institute, Texas A&M University-Corpus Christi, Corpus Christi, Texas. 38 pp.
- Brenner, J., P. A. Montagna, and J. Pollack. 2009a. Initial Meetings Summary - Habitat Management Plan of Corpus Christi/Nueces Bay. Report submitted to the Coastal Bend Bays & Estuaries Program for project # 07-08. Texas A&M University - Corpus Christi, Harte Research Institute for Gulf of Mexico Studies, 17 p.
- Palmer, T., J. Brenner, T. Nance, and P. A. Montagna. 2009. Workshop Summary: Habitat Management Plan for the Corpus Christi Bay Area. Report for Coastal Bend Bays and Estuaries Program Project 0708. Harte Research Institute for Gulf of Mexico Studies, Texas A&M University - Corpus Christi, Corpus Christi, Texas, 118 pp.
- Brenner, J., P. A. Montagna, T. Nance, and T. Palmer. 2009b. Boundary Map Report - Habitat Management Plan of Corpus Christi Bay. Report submitted to the Coastal Bend Bays & Estuaries Program for project # 07-08. Texas A&M University - Corpus Christi, Harte Research Institute for Gulf of Mexico Studies, 33 p.
- Montagna, P.A. 2009. Colorado River Flow Relationships to Bay Health: Benthic Indicators – 2008. Final Report to Lower Colorado River Authority and San Antonio Water System. Harte Research Institute for Gulf of Mexico Studies, Texas A&M University-Corpus Christi, 26 pp.
- Montagna, P.A. and K. Nelson. 2009. Observation Data Model (ODM) For Rincon Bayou, Nueces Delta. Final Report to the Coastal Bend Bays & Estuaries Program, Project # 2008-18, 9 pp.
- Montagna, P.A., and T.A. Palmer. 2009. Effect of Freshwater Inflow on Macrobenthos Productivity in the Guadalupe Estuary 2008-2009. Final Report to the Texas Water Development Board, Contract # 0904830893. Harte Research Institute, Texas A&M University-Corpus Christi, Corpus Christi, Texas, 10 pp.
- Montagna, P.A. and T. Palmer. 2009. Benthic monitoring of the Mollie Beattie Coastal Habitat community in relation to opening Packery Channel. Final Report to HDR Shiner Moseley and Associates, Inc. Harte Research Institute, Texas A&M University-Corpus Christi, Corpus Christi, Texas. 38 pp.
- Nelson, K. and P.A. Montagna. 2009. Causes and Monitoring of Hypoxia in Corpus Christi Bay. Final Report to the Coastal Bend Bays & Estuaries Program, Project # 2008-17, 88 pp.
- Montagna, P.A. 2008. Long-Term Response Of Benthic Organisms To Freshwater Inflow In Texas Coastal Bend Estuaries. Final Report to Texas Parks and Wildlife Department, Coastal Fisheries Program, Contract #172621, Federal Aid Grant No. T-9. Harte Research Institute for Gulf of Mexico Studies, Texas A&M University-Corpus Christi, 39 pp.
- Montagna, P.A., Palmer, T.A., and L. Hyde. 2008. Marine Impacts and Biological Responses, Chapter 3. In: Kennicutt, M.C. III. (ed.), McMurdo Station Long Term Monitoring, Antarctica, Phase 3. Annual Report to U.S. Army Corps of Engineers. Texas A&M University, College Station, TX. Pp 11 - 17.
- Kim, H.-C. and P.A. Montagna. 2008. Effect of Climatic Variability on Freshwater Inflow, Benthic Communities, and Secondary Production in Texas Lagoonal Estuaries: FY 2007. Final Report to the Texas Water Development Board. Harte Research Institute for Gulf of Mexico Studies, Texas A&M University-Corpus Christi, 21 pp.

- Montagna, P.A. and T.A. Palmer. 2008. Benthic Monitoring Project for The Mollie Beatty Coastal Habitat Community. Annual Progress Report to HDR Shiner Mosely, Inc., 32 p.
- Montagna, P.A., T.A. Palmer, and J. Beseres Pollack. 2007. Effect of Freshwater Inflow On Macrobenthos Productivity In Minor Bay And River-Dominated Estuaries – Synthesis. Final Report to the Texas Water Development Board, Contract No. 2006-483-026. 56 p.
- Montagna, P.A. 2007. Colorado River Flow Relationships to Bay Health: Benthic Indicators - 2007. Annual Report to the Lower Colorado River Authority. 87 p.
- Montagna, P.A. and T.A. Palmer. 2007. Benthic Monitoring Project for The Mollie Beatty Coastal Habitat Community. Annual Progress Report to HDR Shiner Mosely, Inc. 32 p.
- Montagna, P.A. 2007. Long-Term Response of Benthic Organisms To Freshwater Inflow In Texas Coastal Bend Estuaries. Interim Performance Report to Texas Parks and Wildlife Department. Contract #172621. 18 p.
- Montagna, P.A. and L. Hyde. 2007. Congo Canyon Project, Benthic Analyses. Final report to TDI-Brooks International, Inc.
- Montagna, P.A. and T.A. Palmer. 2007. The Effects of a Dredge Excavation Pit on Benthic Macrofauna in offshore Louisiana. Final report to W.F. Baird & Associates.
- Montagna, P.A., 2006. A Multivariate Statistical Analysis of Relationships Between Freshwater Inflows and Mollusk Distributions. In: Tidal Rivers In Southwest Florida. Final report submitted to Southwest Florida Water Management District.
- Kinsey, J. and P.A. Montagna. 2006. Response of Benthic Organisms to External Conditions in Matagorda Bay. Final report the Lower Colorado River Authority.
- Montagna, P.A. R. Kalke, T. Palmer, and A. Gossmann. 2006. Characterization of Benthic Habitats in Proximity To The Lower Colorado River, Texas. Final report the Lower Colorado River Authority.
- Montagna, P.A., C. Coeckelenbergh, A.D. Evans. 2006. Response of Benthic Organisms to External Conditions in Matagorda Bay. Final report the Lower Colorado River Authority.
- Applebaum, S. and P.A. Montagna. 2006. Monitoring hypoxia conditions in Corpus Christi Bay - 2005. Final Report to the Coastal Bend Bays & Estuaries Program, grant number 0528, University of Texas Marine Science Institute Technical Report Number TR/06-001.
- Montagna, P.A. and S. Applebaum. 2006. Matagorda Bay and Nearby Coastal Waters Dissolved Oxygen and pH TMDL Assessment Report. Final Report for Texas Commission On Environmental Quality project 582-1-30479-07. Technical Report Number TR/05-003. <http://hdl.handle.net/2152/41774>
- Montagna, P.A. 2005. Effect of Freshwater Inflow on Macrobenthos Productivity in Minor Bay and River-dominated Estuaries - FY05. Final Report to Texas Water Development Board, Contract No. 2005-483-541, University of Texas Marine Science Institute Technical Report Number TR/05-005.
- Montagna, P.A. and S. Applebaum. 2005. Matagorda Bay and Nearby Coastal Waters Dissolved Oxygen and pH TMDL Assessment Report. Final Report to the Texas Commission on Environmental Quality, Contract No. 582-1-30479, University of Texas Marine Science Institute Technical Report Number TR/05-003.
- Powell, G.L, Montagna, P.A., and R. Walton. Minimum Flows for the Tampa Bypass Canal, Tampa, Florida. Scientific Peer Review Report, Southwest Florida Water Management District, Brooksville, Florida, September 30, 2005.
- Applebaum, S., and P.A. Montagna. 2005. Monitoring hypoxia (low oxygen) conditions in Corpus Christi Bay 2004. Final Report to the Coastal Bend Bays & Estuaries Program, grant number 0419, University of Texas Marine Science Institute Technical Report Number TR/05-002.
- Montagna, P.A. 2004. Effect of Freshwater Inflow on Macrobenthos Productivity in Minor Bay and River-dominated Estuaries - FY04. Final Report to Texas Water Development Board, Contract No. 2004-483-012, University of Texas Marine Science Institute Technical Report Number TR/04-003.
- Montagna, P.A., B.G. Tunberg, and R. Walton. 2004. Determination of Minimum Flows for Sulphur Springs, Tampa, Florida. Final Report of the Scientific Review Panel to Southwest Florida Water Management District, December 2004.
- Russell, M.J. and P.A. Montagna. 2004. Verification of Bay Productivity Measurement by Remote Sensors. Final Report to the Texas Water Development Board Contract No. IA03-483-003. University of Texas Marine Science Institute Technical Report Number TR/04-01.
- Morehead, S., and P.A. Montagna. 2004. Monitoring hypoxia (low oxygen) conditions in Corpus Christi Bay 2003. Final Report to the Coastal Bend Bays & Estuaries Program, grant number 0323, University of Texas Marine Science Institute Technical Report Number TR/03-004.

- Montagna, P.A. and M. Russell. 2003. Lavaca Bay TMDL dissolved oxygen assessment report. Final Report to the Texas Commission on Environmental Quality, Contract 582-1-30479, University of Texas Marine Science Institute Technical Report Number TR/03-002.
- Montagna, P.A. 2003. Effect of Freshwater Inflow on Macrobenthos Productivity in Minor Bay and River-dominated Estuaries - FY03. Final Report to Texas Water Development Board, Contract No. 2002-483-414, University of Texas Marine Science Institute Technical Report Number TR/03-001.
- Kennicutt II, M.C., Wolff, G.A., Klein, A., Montagna, P., Morehead, S., Sweet, S., Denoux, G., Alsup-Gielstra, D., Sericano, J. and Wade, T. 2003. Spatial and Temporal Scales of Human Disturbance - McMurdo Station, Antarctica. Final report to National Science Foundation, Office of Polar Programs OPP-99-09445.
- Montagna, P.A. 2002. Effect of Freshwater Inflow on Macrobenthos Productivity in Minor Bay and River-dominated Estuaries - FY02. Final Report to Texas Water Development Board, Contract No. 2002-483-414, University of Texas Marine Science Institute Technical Report Number TR/03-002.
- Morehead, S., and P.A. Montagna. 2003. Monitoring Hypoxia (Low Oxygen) Conditions in Corpus Christi Bay. Final Report to Coastal Bend Bays and Estuary Program. Grant number: 0217, MNS Technical Report Number 2003-01.
- Nicolau, T., J. Adams, E. Garaña, G. Grunkemeyer, P. Montagna, B.A. Nicolau, and J. Tolan. 2002. Recommended Monitoring Plan For Rincon Bayou, Nueces Delta. Nueces Estuary Advisory Council, 28 pp. Recommended Monitoring Plan For Rincon Bayou, Nueces Delta. <http://www.cbbep.org/publications/virtuallibrary/NEACRinconBayouMonitoring.pdf>
- Ritter, C., P.A. Montagna, and M.J. Russell. 2002. Historical Data Review of Dissolved Oxygen and Related Parameters for the Lavaca Bay TMDL Project. Final Report for TNRCC Contract No. 582-1-30479, Technical Report Number TR/02-001. <http://hdl.handle.net/2152/41773>
- Morehead, S., C. Simanek, and P.A. Montagna. 2002. GIS Database of Hypoxia (Low Oxygen) Conditions in Corpus Christi Bay. Final Report to Coastal Coordination Council, Coastal Management Program Grant number: 01-214, University of Texas Marine Science Institute Technical Report Number 2002-001. 2 Volumes.
- Montagna, P.A. 2002. Developing a New Monitoring Tool For Benthic Organisms in The Gulf of Mexico: Loss of Genetic Variability in Meiofaunal Populations. Final Report to U.S. Environmental Protection Agency, Grant No. R825355-01-0.
- Montagna, P.A. 2001. Effect of Freshwater Inflow on Macrobenthos Productivity in Minor Bay and River-dominated Estuaries - FY01. Final Report to Texas Water Development Board, Contract No. 2001-483-362, University of Texas Marine Science Institute Technical Report Number TR/01-002.
- Ritter, M. C. and P.A. Montagna. 2001. Cause and Effects of Hypoxia (Low Oxygen) in Corpus Christi Bay, Texas. Final Report to Coastal Management Program Grant no.: 00-051-R, University of Texas Marine Science Institute Technical Report Number TR/01-01, Port Aransas, Texas. 42 pp. plus 14 Appendices.
- Montagna, P.A. 2000. Effect of freshwater inflow on macrobenthos productivity and nitrogen losses in Texas estuaries. Final report to Texas Water Development Board, Contract No. 2000-483-323, University of Texas Marine Science Institute Technical Report Number TR/00-03, Port Aransas, Texas. 78 pp.
- Holmberg, T.J. & P.A. Montagna. 2001. Chapter 11. Epibiont Recruitment. In: Continental Shelf Associates, Mississippi/Alabama Pinnacle Trend Ecosystem Modeling, Final Synthesis Report. U.S. Department of Interior, Geological Survey, Biological Resources Division, USGS BSR 2001-0007, and Minerals Management Service, Gulf of Mexico OCS Region, New Orleans, LA, OCS Study MMS2001-080.
- Montagna, P.A. (Ed.). 1999. The Lower Hillsborough River minimum flow scientific peer review panel. Final report to Southwest Florida Water Management District, Brooksville, Florida. 30 pages.
- Montagna, P.A. 1999. Effect of freshwater inflow on macrobenthos productivity and nitrogen losses in Texas estuaries. Final report to Texas Water Development Board, Contract No. 99-483-267, University of Texas Marine Science Institute Technical Report Number TR/99-01, Port Aransas, Texas. 63 pp.
- Montagna, P.A., E.J. Buskey, K.H. Dunton, D.A. Stockwell, T.E. Whitledge. 1999. Analysis of agricultural nonpoint source runoff to Baffin Bay and its possible effect on the brown tide phytoplankton bloom. Final Report to Corpus Christi Bay National Estuary Program, TNRCC Interagency Cooperation Contract Number: 62-000000-39, TR/99-02, Port Aransas, Texas. 68 pp. <http://cbbep.org/publications/CCBNEP1999.pdf>
- Montagna, P.A. 1998. Effect of freshwater inflow on macrobenthos productivity and nitrogen losses in Texas estuaries. Final report to Texas Water Development Board, Contract No. 98-483-233, University of Texas Marine Science Institute Technical Report Number TR/98-03, Port Aransas, Texas. 62 pp.
- Carr, R.S., P.A. Montagna, and M.C. Kennicutt. 1998. Sediment quality assessment of storm water outfalls and other sites in the Corpus Christi Bay National Estuary Program Study Area. Publication CCBNEP-32, Texas Natural

- Resource Conservation Commission, Austin, Texas. 105 pp. plus appendices.
<http://www.cbbep.org/publications/virtuallibrary/cc32.pdf>
- Montagna, P.A., Holt, S., Ritter, C., Binney, K., Herzka, S., and Dunton, K. 1998. Characterization of anthropogenic and natural disturbance on vegetated and unvegetated bay bottom habitats in the Corpus Christi Bay National Estuary Program Study Area. Publication CCBNEP-25, Texas Natural Resource Conservation Commission, Austin, Texas. 130 pp. <http://www.cbbep.org/publications/virtuallibrary/cc25a.pdf>, <http://www.cbbep.org/publications/virtuallibrary/cc25b.pdf>
- Montagna, P.A. 1997. Effect of freshwater inflow on macrobenthos productivity and nitrogen losses in Texas estuaries. Annual Report to the Texas Water Development Board. University of Texas at Austin, Marine Science Institute, Technical Report No. TR/97-02, Port Aransas, Texas, 157 pp.
- Montagna, P.A., and Li, J. 1996. Modeling and monitoring long-term change in macrobenthos in Texas estuaries. Final Report to the Texas Water Development Board. University of Texas at Austin, Marine Science Institute, Technical Report No. TR/96-001, Port Aransas, Texas, 149 pp.
- Montagna, P.A., Li, J., Street, G.T. 1996. A conceptual ecosystem model of the Corpus Christi Bay National Estuary Program Study Area. Publication CCBNEP-08, Texas Natural Resource Conservation Commission, Austin, Texas. 114 pp. <http://www.cbbep.org/publications/virtuallibrary/ccbnep08.pdf>
- Montagna, P.A., Burgess, R., Fiers, F. 1995. Harpacticoida (Crustacea; Copepoda) from the California Continental Shelf. A final report for the U.S. Department of the Interior, Bureau of Land Management Pacific OCS Office, Camarillo, CA, Contract No. 14-12-0001-13244. University of Texas at Austin, Marine Science Institute, Technical Report No. TR/95-0002, Port Aransas, Texas, 135 pp.
<https://repositories.lib.utexas.edu/handle/2152/61643>
- Whitledge, T.E., Buskey, E.J., Dunton, K.H., Fuiman, L.A., Holt, S.A., Montagna, P.A. 1995. Biological assessment of water circulation changes in the Laguna Madre resulting from modifications of the John F. Kennedy Causeway. Final Report to Shiner, Moseley and Associates. University of Texas at Austin, Marine Science Institute, Technical Report No. TR/95-003, Port Aransas, Texas, 38 pp.
- Rocha, D.D., Lehman, R.L., Alvarado, S.A., Tunnell, J.W., Jr., and Montagna, P.A. 1995. A comparison of the benthic community north and south of the John F. Kennedy Causeway, Upper Laguna Madre, Texas. Final Report to Shiner, Moseley and Associates. Texas A&M University, Corpus Christi, Texas, 32 pp.
- Montagna, P.A. 1994. Effect of freshwater inflow on macrobenthos productivity and nitrogen losses in Texas estuaries. Year 2. Final Report to the Texas Water Development Board, Contract No. 94-483-003, University of Texas at Austin, Marine Science Institute, Technical Report Number TR/94-006, Port Aransas, Texas. 151 pp.
- Montagna, P.A. and C. Martin. 1994. La Quinta Channel environmental monitoring project: Benthic diversity. Final Report to Coastal Bend Bays Foundation, Inc. Technical Report No. TR/94-003, Marine Science Institute, The University of Texas, Port Aransas, TX 142 pp.
- Montagna, P.A. 1994. Inflow needs assessment: Effect of the Colorado River diversion on benthic communities. Final Report to the Lower Colorado River Authority. Technical Report No. TR/94-001, Marine Science Institute, The University of Texas, Port Aransas, TX 63 pp.
- Montagna, P.A. 1993. Comparison of Ecosystem Structure and Function of Created and Natural Seagrass Habitats in Laguna Madre, Texas. Final Report to U.S. Environmental Protection Agency, Region 6. Technical Report No. TR/93-007, Marine Science Institute, The University of Texas, Port Aransas, TX, 76 pp.
- Montagna, P.A. 1992. Comparison of ecosystem structure and function of created and natural seagrass habitats in Laguna Madre, Texas. Annual Report to U.S. Environmental Protection Agency, Region 6, Technical Report No. TR/92-003, Marine Science Institute, The University of Texas, Port Aransas, TX, 24 pp.
- Montagna, P.A. 1992. Benthic samples taken from the Padre Island National Seashore. Final Report to the U.S. Dept. of Interior, National Park Service. Technical Report No. TR/92-002, Marine Science Institute, The University of Texas, Port Aransas, TX, 11 pp.
- Montagna, P.A. 1992. Predicting long-term effects of freshwater inflow on macrobenthos in the Lavaca-Colorado and Guadalupe Estuaries. Year 2. Final Report to Texas Water Development Board. Technical Report No. TR/92-001, Marine Science Institute, The University of Texas, Port Aransas, TX, 105 pp.
- Montagna, P.A. 1991. Predicting long-term effects of freshwater inflow on macrobenthos in the Lavaca-Colorado and Guadalupe Estuaries. Final Report to Texas Water Development Board. Technical Report No. TR/91-004, Marine Science Institute, The University of Texas, Port Aransas, TX, 78 pp.
- Montagna, P.A. 1991. Comparison of ecosystem structure and function of created and natural seagrass habitats in Laguna Madre, Texas. Annual Report to U.S. Environmental Protection Agency, Region 6. Marine Science Institute, The University of Texas, Port Aransas, TX, 8 pp.

- Montagna, P.A. 1991. Effects of the Laguna Madre, Texas brown tide on benthos. In: Report: Brown Tide Symposium and Workshop. Whittedge, T.E. and W.M. Pulich, Jr., (eds.). Final Report to Texas Parks and Wildlife Department, and the U.S. EPA Gulf of Mexico Program. Technical Report no. TR/91-002, Marine Science Institute, The University of Texas, Port Aransas, TX pp. 21-22.
- Montagna, P.A. and R.S. Jones. 1991. Research overview for The University of Texas at Austin, Marine Science Institute, Port Aransas, Texas. In: U.S. Department of Interior, Minerals Management Service. Proceedings: Eleventh Annual Gulf of Mexico Information Transfer Meeting, November 1990. MMS Contract No. 14-35-0001-30499, OCS Study MMS 91-0040. Minerals Management Service, New Orleans, LA, pp. 429-434.
- Montagna, P.A. 1990. Monitoring for soft bottom effects at a California site. In: Summary Northern Gulf of Mexico Environmental Studies Planning Workshop. R.S. Carney, (ed.), Proceedings of a Workshop held in New Orleans, Louisiana, August 15-17, 1989. OCS Study 90-0018. U.S. Dept. of the Interior, Minerals Management Service, New Orleans, LA. Prepared by GeoMarine, Inc., Plano, TX, 1990, pp. 67-72.
- Webb, D.G. and P.A. Montagna. 1990. Reproductive patterns in three species of harpacticoid copepods from the Santa Maria Basin, California. In: California OCS Phase II Monitoring Program, Year Three Annual Report. M. Steinhauer, R. Kropp, E. Imamura (eds.) Battelle, Ventura, CA, 20 pp.
- Montagna, P.A. Soft-bottom meiofaunal assemblages. 1990. In: California OCS Phase II Monitoring Program, Year Three Annual Report. M. Steinhauer, R. Kropp, E. Imamura (eds.) Battelle, Ventura, CA, 34 pp.
- Montagna, P.A. Nitrogen Process Studies (NIPS): the effect of freshwater inflow on benthos communities and dynamics. 1989. Technical Report No. TR/89011, Marine Science Institute, The University of Texas, Port Aransas, TX, 370 pp.
- Bauer, J.E., D.D. Hardin, P.A. Montagna, M.A. Palmer, and R.B. Spies (Authors listed alphabetically). 1989. Adaptations of marine organisms to chronic hydrocarbon exposure. Final Report to the U.S. Department of Interior, Minerals Management Service, Pacific Outer Continental Shelf Office. Kinetic Laboratories, Inc., Santa Cruz, CA. Two Volumes, 834 pp.
- Montagna, P.A. 1988. Soft bottom meiofauna from the Santa Maria Basin. In: Summary Report on the Second Annual Progress Meeting for the MMS California OCS Phase II Monitoring Program. Hyland, J.L. (ed.) November 21, 1988. Battelle Ocean Sciences, Ventura, CA.
- Montagna, P.A. 1985. A Pictorial Key to the Harpacticoid Copepods of the Santa Barbara Oil Seep Region. Report to the Minerals Management Service, Lawrence Livermore National Laboratory, Livermore, CA. 22 pp.
- Spies, R.B., D.W. Rice, Jr., P.A. Montagna, R.R. Ireland, J.S. Felton, S.K. Healy, and P.R. Lewis. 1985. Pollutant Body Burdens and the Reproduction in *Platichthys stellatus* from San Francisco Bay. Report to the National Oceanic and Atmospheric Administration, Technical Report UCID 19993-84, Lawrence Livermore National Laboratory, Livermore, CA. 95 pp.

WORKSHOPS ATTENDED (* = Invited Presentation)

- Freshwater Inflows Stakeholder Workshop, Victoria College, Victoria, Texas, 24 February 2022.
- Freshwater Inflows Scoping Workshop, Texas Parks and Wildlife Department, Austin, Texas, 1 December 2021.
- *Murawski, S., Montagna, P., Smith, C., Sutton, T. "Impacts of Deepwater Horizon on Living Marine Resources," Brazil-US Oil Spill Response and Restoration Virtual Workshop. Hosted by NOAA and the Brazilian Ministry for Science, Technology, and Innovation (MCTI). 24-28 May 2021.
- Responses to Hurricanes Data Synthesis Workshop, Corpus Christi, TX, 28 April 2019 – 1 May 2019.
- Forecasting Using SAS® Software: A Programming Approach, SAS® Training, Live Web Class, 06-08 and 13-15 May 2019
- NOAA Center for Coastal and Marine Ecosystems Annual Meeting, NOAA Southwest Fisheries Science Center, La Jolla, CA, 10-12 April 2019.
- *Montagna, P.A. "Research Collaborations." Grant Workshop on Research Collaborations, Texas A&M University-Corpus Christi, Corpus Christi, TX, 18 January 2019.
- State Space Modeling Essentials Using the SSM Procedure in SAS/ETS. Sponsored by SAS, San Francisco, CA, 9-10 October 2018.
- Estuaries and Coasts* Editorial Board Meeting at Springer-Nature headquarters in New York, NY, 29 October 2018.
- Annual Benthic Ecology Meeting, Lee Smee Conference Chair and Paul A. Montagna Co-Chair, Corpus Christi, TX, 27-30 March 2018. 326 participants.
- Second Benthic Invertebrate Taxonomy, Metagenomics and Bioinformatics (BITMaB2) Workshop 2018. Harte Research Institute for Gulf of Mexico Studies, Corpus Christi, TX, 15-19 January 2018. Workshop Organizer.

- *Montagna, P.A. “Marine Ecology and Water Research in the Gulf of Mexico.” Workshop on Offshore Well Completion and Stimulation Using Hydraulic Fracturing and Other Technologies, National Academies of Sciences, Engineering, and Medicine, Washington, DC, 2-3 October 2017.
- *Montagna, P.A. 2017. “Ecosystem Services Provided by Benthic Habitats.” Annual Meeting of the Benthic Ecology Workgroup (BEWG), International Council for the Exploration of the Sea (ICES), Gdansk, Poland, 8-12 May 2017.
- Benthic Invertebrate Taxonomy, Metagenomics and Bioinformatics (BITMaB) Workshop 2017. Harte Research Institute for Gulf of Mexico Studies, Corpus Christi, TX, 9-13 January 2017. Workshop Organizer.
- EcoHealth Metrics Workshop. Corpus Christi, TX, 9-11 March 2016.
- Ocean Acidification Principal Investigators Meeting. Woods Hole, MA, 8-12 June 2016.
- *Montagna, P.A. 2012. “Developing Decision Support Tools For Freshwater Inflow To Estuaries.” Gulf Coast Prairie Landscape Conservation Cooperative, Instream Flow Resources Project, Steering Committee Workshop, Texas State University, San Marcos, TX July 16-17, 2012.
- Montagna, P.A. 2012. Work Group For Freshwater Inflow Requirements: GOMA Regional Partnership Projects. Gulf of Mexico Alliance, All Hands Meeting, Corpus Christi, TX, June 19-21, 2012.
- Montagna, P.A. Effects of climate change on long-term response of benthic communities in the Western Gulf of Mexico. Benthic Ecology Working Group, International Council for Exploration of the Seas. Sandergerdi, Iceland, 7-11 May 2012.
- *Montagna, P.A. “Sediment Quality Triad Analysis of Deep-Sea Sediments.” Deep Water Horizon Oil Spill Principal Investigator 1-Year Update Workshop, St. Pete Beach, FL, 25-26 October 2011.
- Conceptual ecological model of oyster population dynamics, U.S. Army Corps of Engineers, Fort Lauderdale, Florida, 20-21 October 2011.
- US National Benthic Index Development Workshop, Southern California Coastal Water Research Project Authority, Costa Mesa, CA, September 27-29, 2011
- *Montagna, P.A. 2012. FIBI: An Index of Benthic Integrity to Determine Freshwater Inflow Needs to Maintain Estuarine Health. International Committee for Exploration in the Sea-Benthos Ecology Working Group, Fort Pierce, Florida, 02 May – 06 May 2011.
- *Montagna, P.A. 2012. Detecting Climate Change Effects Using Long-term Data Along the Texas Coast. International Council for Exploration in the Sea-Benthos Ecology Working Group, Fort Pierce, Florida, 02 May – 06 May 2011.
- *Montagna, P.A. “Ecosystem Services of the Deep Benthos,” Committee on the Effects of the Deepwater Horizon Mississippi Canyon-252 Oil Spill on Ecosystem Services in the Gulf of Mexico, National Academies of Science, Ocean Studies Board, Washington, DC, 24 January 2011.
- *Montagna, P.A. “On determination of freshwater inflow needs for estuaries.” Southeast Aquatic Resource Partnership, Southern Instream Flow Network, Third Annual Workshop, Implementation of the Southern Instream Flow Research Agenda, Gulf Shores, Alabama, 1-2 December 2010.
- Convenor, “Rincon Bayou Planning Meeting,” Sponsored by the City of Corpus Christi and Harte Research Institute, Corpus Christi, Texas, 12 August 2010. About 20 participants.
- Program Chair, “Planning an Ecosystem-Based Habitat Management Plan,” Sponsored by the Coastal Bay Bays & Estuary Program and the Harte Research Institute, Corpus Christi, Texas, 14 June 2010. About 70 participants.
- Program Chairman. “Freshwater Inflows: 2010 and Beyond,” Sponsored by Texas Parks and Wildlife Department and the Harte Research Institute, Corpus Christi, Texas, 8-10 February 2010. About 100 participants, with national participation.
- *Montagna, P.A. “Cyber infrastructure for the Collaboratory.” First Workshop of the Ecosystem Services collaboratory – Gulf of Mexico, Sponsored by the US EPA, Gulf Ecology Division, Pensacola, FL, 14-15 January 2010.
- *Montagna, P.A. “Benthic Macroinvertebrate Work Group Status Report – Phase 2.” St. Johns River Alternative Water Sources Cumulative Impact Assessment Workshop. University of Florida, Gainesville, FL, 16-18 September 2009.
- *Montagna, P.A. “Establishing Standard Water Quality Criteria Using Satellite Products for Texas.” NASA Applied Science Gulf of Mexico Workshop, New Orleans, LA, 8-10 December 2009.
- *Montagna, P.A. “Cyberinfrastructure for environmental information systems.” Seminar Series, Invited Speaker. Hangyang University, Seoul, Korea, 28 October 2009.
- *Montagna, P.A. “Ecological and socio-economic impacts on coastal and marine areas from riparian developments in inland areas.” Joint Research Activities for Integrated Marine Policy sponsored by Korean Maritime Institute. Seoul, Korea, 26-28 October 2009.

- *Montagna, P.A. and Hetland, R. "Space/time challenges of coupling physical and biological models." Ecosystem Modeling Workshop, Co-Sponsored by CaRA, GCOOS, GOMA, and SECOORA. USGS, St. Petersburg, FL, 14-16 October 2009.
- "Annual Benthic Ecology Meeting," Paul A. Montagna Conference Chairperson, Corpus Christi, TX, March 4-7, 2009. 310 participants.
- "Rincon Bayou Monitoring Workshop," Paul Montagna, Meeting Organizer, Harte Research Institute, Corpus Christi, TX, March 2, 2009. 20 participants,
- "Developing an Ecosystem-Based Management Plan for Corpus Christi and Nueces Bay Area." Jointly sponsored by Coastal Bend Bays & Estuaries Program, Paul Montagna, Workshop Organizer, Harte Research Institute, Corpus Christi, TX, February 18, 2009. 75 participants,
- *Montagna, P.A. "Benthic Macroinvertebrate Work Group Status Report – Phase 1." St. Johns River Alternative Water Sources Cumulative Impact Assessment Workshop. University of Florida, Gainesville, FL, September 16 – 18, 2008.
- *Montagna, P.A. "Estuary Modeling." Nueces Feasibility Study Workshop, U.S Army Corps of Engineers and San Antonio Water System, San Antonio, Texas, June 10, 2008.
- *Montagna, P.A. "Climate Change Affects on Texas Estuaries." Texas Climate Change Workshop, sponsored by the Houston Advanced Research Center Lone Star College, The Woodlands, TX, May 22, 2008.
- *Montagna, P.A. "Role of Science Based and Adaptive Management in Managing Freshwater Inflows." Workshop on Integration of Marine Policy and Science, University of Washington, Seattle, WA, April 21, 2008.
- *Montagna, P.A. "Hypoxia Monitoring in Corpus Christi Bay." High Resolution Environmental Monitoring Workshop. Austin, University of Texas at Austin, Austin, TX, April 16, 2008.
- *Montagna, P.A. "Benthic Indicators." Matagorda Bay Health Workshop. Lower Colorado River Authority, McKinney Roughs, Bastrop, TX, March 28, 2008.
- WATERS Planning Workshop, National Science Foundation, Arlington, VA, March 24-25, 2008.
- SAS Institute, SQL Processing Workshop, Philadelphia, PA, March 17-18, 2008.
- *Montagna, P.A and S. Arismendez. "Relationship Between Freshwater Inflows and Nutrient Concentrations in Texas Estuaries." Gulf of Mexico Alliance, Nutrient Sources, Fate, & Transport Study Design Workshop, Galveston, TX, February 19 – 21, 2008.
- *Montagna, P.A. "Rincon Bayou Benthos." HRI, February 15, 2008. Corpus Christi Bay WATERS Test Bed Workshop. Montagna, P.A. organizer. Texas A&M University Corpus Christi, January 14 – 16, 2008.
- *Montagna, P.A. "Overview of freshwater inflow issue in Texas bays and estuaries." Valuing Freshwater Inflows in Texas Workshop, Sponsored Harte Research Institute, Houston Advanced Research Center, and Texas Living Waters Project, Austin, TX, November 15, 2007.
- *Montagna, P.A. "Status of Water Quality/Quantity; Nutrients/Wetlands; Gulf of Mexico Hypoxic Zones." Workshop on Managing for a Healthy Gulf of Mexico Ecosystem: Obstacles, Opportunities and Tools, Corpus Christi, TX, November 1 – 2, 2007.
- *Montagna, P.A. "Overview of freshwater inflow issue in Texas bays and estuaries." Valuing Freshwater Inflows to San Antonio Bay: A Workshop of Project Results, sponsored by Harte Research Institute and Houston Advanced Research Center, Corpus Christi, TX, August 31, 2007.
- *Montagna, P.A. "Perspectives on Research on Near-Shore Marine Ecosystems of the Texas Coast." Coastal Bend Bay and Estuary Program, Annual Meeting, Corpus Christi, Texas August 15, 2007.
- *Montagna, P.A. "Perspectives on freshwater flows." Environmental Flows For Instream and Coastal Ecosystems, Ecological Society of America, San Jose, CA, August 5, 2007.
- *Montagna, P.A. "Perspectives on the history of research on near-shore marine ecosystems on the Texas Coast." State of Coastal Ecosystem Research in Texas, sponsored by U.S. Geological Survey, Galveston, TX, July 17, 2007.
- *Montagna, P.A. and K. Nelson. "Data management system for Rincon Bayou." Rincon Bayou, Nueces Delta Studies Coordinating Meeting, City of Corpus Christi, Corpus Christi, TX, July 10, 2007.
- *Montagna, P.A. "Direct and Indirect Effects of Hypoxia on Benthos in Corpus Christi Bay, Texas." National Oceanic and Atmospheric Administration, Ecological Impacts of Hypoxia on Living Resources, Bay St. Louis, Mississippi, 26-27 March 2007.
- *Montagna, P.A. "An Environmental Information System for Hypoxia in Corpus Christi Bay: A WATERS Network Testbed." National Oceanic and Atmospheric Administration, Ecological Impacts of Hypoxia on Living Resources, Bay St. Louis, Mississippi, 26-27 March 2007.
- *Montagna, P.A. "Designing Monitoring Programs for Texas Estuaries." Texas Commission on Environmental Monitoring, Texas Coastal Monitoring Workshop, 8-9 January 2007.

- *Montagna, P.A. "Marine Benthic Biological and Toxicological Responses, McMurdo Station" and A Long Term Monitoring Project Design and Statistical Analyses." National Science Foundation, Office of Polar Programs, Arlington, VA, October 13, 2006.
- *Montagna, P.A. "Long-term studies of hypoxia in Corpus Christi Bay: the Cybercollaboratory Testbed." Hypoxia Effects on Living Resources in the Gulf of Mexico, NOAA Workshop, Tulane University, New Orleans, LA, September 24-26, 2006.
- *Montagna, P.A. "Benthic Indicators of Bay Health." LCRA-SAWS Water Project, LSWP Sub-Advisory Group Meeting, Austin, Texas, May 15, 2006.
- *Montagna, P.A. "Ecosystem Context of Environmental Flows, Freshwater Flows to Bays and Estuaries: Biological Definitions and Responses." Flows for the Future, 2005 Environmental Flows Conference, Texas State University, San Marcos, Texas, October 31 - November 1, 2005.
- *Montagna, P.A. "Measuring Marine Benthic Community Response." Practical Indicators of Human Impacts in Antarctica, NSF/COMNAP/SCAR Workshop, Bryan, Texas, March 16-18, 2005.
- *Montagna, P.A. "Benthic Monitoring Program." City of Corpus Christi Monitoring Program Workshop, Corpus Christi, Texas, March 1, 2005.
- Gulf of Mexico Coastal Ocean Observing System Stakeholders Workshop. Tulane University, New Orleans, Louisiana, January 24-26, 2005.
- *Montagna, P.A. "Proposed Texas NERR." NERR Scoping Meeting, Rockport, Texas, November 17, 2004.
- *Montagna, P.A. "Proposed Texas NERR." NERR Scoping Meeting, Port Aransas Texas, November 17, 2004.
- *Montagna, P.A. "Proposed Texas NERR." NERR Scoping Meeting, Austin, Texas, November 16, 2004.
- *Montagna, P.A. "Approaches to Establish Minimum Requirements for Freshwater Inflow to Bays and Estuaries." Science Advisory Committee of the Study Commission on Environmental Flows, Austin, Texas June 18, 2004.
- *Montagna, P.A. "Water for Nature." Souss-Massa Integrated Water Management / Coastal Zone Management Workshop, sponsored by U.S. Agency for International Development. Agadir, Morocco, December 2 - 4, 2003.
- *Montagna, P.A. "Freshwater Inflow to Estuaries: Methods Guide." Freshwater inflow to estuaries Workshop, sponsored by The Nature Conservancy. Arlington, Virginia, November 24-25, 2003.
- *Montagna, P.A. "Nueces Estuary case study: setting minimum flows and restoration projects". Ecological Consequences of Freshwater Diversions from Coastal Ecosystems Symposium. Sponsored by U.S. Agency for International Development. University of Rhode Island, Narragansett, Rhode Island, October 28, 2002.
- *Montagna, P.A. "Rincon Bayou Restoration." When the Water Run Dry: Maintaining a Balance Between Human and Environmental Needs, sponsored by the Gulf Restoration Network. New Orleans, LA, September 9-10, 2002.
- *Montagna, P.A. "Rincon Bayou Monitoring Plan." Nueces Estuary Advisory Committee, Corpus Christi, Texas, July 27, 2002.
- Workshop on Deepwater Environmental Studies Strategy, U.S. Minerals Management Service. New Orleans, LA, May 28 - 30, 2002.
- *Montagna, P.A. "GOOMEX: Experimental Design and What the Mercury Data Mean. OCS Scientific Committee Meeting, U.S. Minerals Management Service. Alexandria, Virginia, April 23-25, 2002.
- Estuarine Research Federation Workshop on Estuarine Responses to Climate Variability and Change. Marine Biological Laboratory, Woods Hole, Massachusetts. April 7-10, 2002.
- Coastal Zone Management: Performance Indicators and Measures Study, Texas State Constituency Meeting. Sponsored by The Heinz Center, Corpus Christi, March 29, 2002.
- *Chronic, sublethal effects of offshore hydrocarbon production, presented at the National Academies, Ocean Studies Board, Committee on Oil in the Sea, meeting in Irvine, CA, January 31 - February 1, 2001.
- *Porewater Toxicity Testing Workshop, Sponsored by the Society of Environmental Chemistry and Toxicology, March 18 - 23, 2000, Pensacola, Florida.
- *Texas Lagoonal Estuaries. Benthos of Coastal Seas Workshop, supported by the National Science Foundation (NSF) and the Luso-American Foundation (FLAD), April 18-21 1999, Lisbon, Portugal.
- *"Study design and overview of statistical approach to perform synthetic analyses." CHEMO II Principal Investigator Workshop May 21-23, 1999, TAMU, GERG, College Station, TX.
- "Conceptual Model of the Gulf of Mexico Ecosystem," sponsored by the Gulf of Mexico Program, October 28, 1997, Stennis Space Center, Stennis, Mississippi.
- "Recent Advances in Conservation Genetics Course," sponsored by New Opportunities Animal Health Sciences, Conservation Research Center, Stephen, J. O'Brien, Director, August 10-23, 1997, National Zoological Park, Smithsonian Institution, Front Royal, Virginia.

- *“Technical Meeting on Water and Sediment Quality,” sponsored by the Corpus Christi Bay National Estuary Program. Corpus Christi, Texas. July 15-16, 1997.
- “Models and Mass Balance Calculations for the Gulf of Mexico Workshop,” co-sponsored by the Gulf of Mexico Program and EPA Office of Research and Development. Metairie, Louisiana. April 2 - 4, 1997.
- *“Importance of seagrass habitats,” Texas Coastal Issues Conference, Texas General Land Office. Corpus Christi, Texas. March 24 -25, 1997
- *“A new molecular and statistical approach to measure anthropogenic impacts”, Recruitment Workshop sponsored by the Texas Sea Grant Program. Bryan, Texas. February 27, 1996.
- *“Statistical Considerations and Design Elements”, Stability and Change in Gulf of Mexico Chemosynthetic Communities Planning Meeting, Texas A&M University, College Station, Texas. January 31 - February 2, 1997.
- *“Review of Bay Bottoms Report,” Lower Laguna Madre Workshop, Lower Laguna Madre Foundation, Coastal Studies Lab, South Padre Island, Texas. December 13, 1996.
- “Development of a Seagrass Conservation Plan,” Texas Parks and Wildlife Department, Corpus Christi, Texas. November 4-5, 1996.
- *“Setting the Stage: An Introduction to the Estuarine Ecosystem,” Bay Summit, Corpus Christi Bay National Estuary Program. Corpus Christi, Texas. September 9, 1996.
- *“Habitat and Living Resources: Below the Waterline - Sediment Communities,” Bay Summit, Corpus Christi Bay National Estuary Program. Corpus Christi, Texas. September 9, 1996.
- “Estuaries and Nutrients. Panel Discussion and Question and Answer Session.” *Presentation on ecosystem effects of eutrophication. Sponsored by the Corpus Christi Bay National Estuary Program. Texas A&M University-Corpus Christi, Corpus Christi, Texas. April 4, 1996.
- “Environmental monitoring of impacts from research and operations in the Antarctic. Practical design and implementation of environmental monitoring programmes.” Sponsored by SCAR, COMNAP, and NSF. College Station, Texas. March 25-29, 1996.
- *“Monitoring using benthos.” Coastal Bend Monitoring and Research Workshop, Sponsored by the University of Texas Marine Science Institute and the Corpus Christi Bay National Estuary Program. September 11, 1995.
- *Creating a Common Vision, the All Conference Workshop. Corpus Christi Bay National Estuary Program, Corpus Christi, TX. February 3-4, 1995.
- Symposium on Improving Interactions Between Coastal Science and Policy in the Gulf of Mexico Region. National Research Council, Ocean Studies Board, New Orleans, LA. January 24-26, 1995.
- Gulf Intracoastal Waterway Dredge Disposal Issue. Coastal Bend Bays Foundation, Corpus Christi, TX. March 7, 1994. Lavaca Bay Scientific Workshop. February 3-5, 1994. Texas General Land Office. Houston, TX.
- Corpus Christi Bay National Resources Mapping Workshop. March 12, 1993. Texas Parks and Wildlife Department. Blucher Institute, Corpus Christi State University. Corpus Christi, TX.
- *Citizen's Coastal Monitoring Conference. July 11-13, 1992. Texas Watch, U.S. EPA, and Texas Environmental Center. Corpus Christi, TX.
- Gulf of Mexico Research Agenda Workshop. April 7-9, 1992. U.S. EPA Gulf of Mexico Program, Louisiana State University, Baton Rouge, LA.
- *Habitat Degradation Action Plan Workshop. January 8-10, 1992. U.S. EPA Gulf of Mexico Program, New Orleans, LA.
- No Net Loss and the Role of Restoration and Creation. April, 1990. U.S. EPA, Jackson, MS.
- Data Management For Inland and Coastal Field Stations. April 1990. National Science Foundation, W.K. Kellogg Biological Station, Hickory Corners, MI
- *Northern Gulf of Mexico Environmental Studies Planning Workshop. August 1989. Minerals Management Service, New Orleans, LA.
- *Trophic Dynamics of Microbial-Meiofaunal Food Webs in Natural Petroleum Seeps. June 1988. Minerals Management Service, Pacific Outer Continental Shelf Program, Los Angeles, CA
- *Soft Bottom Meiofauna From the Santa Maria Basin. November 1988. Minerals Management Service, Pacific Outer Continental Shelf Program, Ventura, CA.

ORAL PRESENTATIONS AND ABSTRACTS (* = Invited Paper)

- *Montagna, P.A., E.K. Harris, A. Douglas, L. Vitale, D. Buzan. Influence Of the Formosa Discharge on Long-Term Dynamics Of Abiotic And Biotic Resources In Lavaca Bay, Texas. Lavaca Bay Foundation, Port Lavaca, Texas, 16 June 2022, 25 participants.

- * Montagna, P.A. Long-Term Benthic Data in Three Basins Can be Used for Adaptive Management of Inflow Standards. Jointly hosted by the Harte Research Institute and Texas Water Development Board, Corpus Christi, TX (virtual), 27 May 2022, 74 participants.
- *Montagna, P.A. "Potential Ecological Effects of Deepening and Widening the Matagorda Ship Channel," Stakeholder meeting with Deputy Assistant Administrator of the Army Jaime Pinkham, DDA of EPA Carlton Waterhouse, and EPA Region 6 Administrator Earthea Nance, Calhoun County Agricultural Extension Center, Port Lavaca, TX, 17 March 2022. 26 people attended.
- *Montagna, P.A. "Vulnerability of Corpus Christi Bay to Increased Salinities," Coastal Bend Audubon Society Monthly Meeting & Seminar, Corpus Christi, TX, 4 January 2022.
- *Montagna, P.A., Gibeaut, J., Douglas, A. "Evaluation of the Proposal for Widening and Deepening the Matagorda Ship Channel," Lavaca Bay Foundation, Port Lavaca, TX, 21 October 2021.
- *Montagna, P.A. "A Brief History of Freshwater Inflow Policies and Studies," Texas Water Development Board, Estuary Science Exchange Webinar, 14 October 2021.
https://www.twdb.texas.gov/surfacewater/bays/estuary_science/index.asp
- *Montagna, P.A. "Focused Flows to Protect Natural Nurseries," Texas Water Development Board, Virtual Brown Bag Seminar, 24 September 2021
- *Montagna, P.A. "Importance of Environmental Flows in Water Resource Planning," French American Innovation Day 2021, Houston, Texas, Virtual Conference, 15 September 2021.
- *Montagna, P.A. "Tips for the Word Power User," NOAA Center for Coastal and Marine Ecosystems, Center-Wide Core Competency Course, St. Augustine, Florida, In-person, 26 July 2021.
- *Montagna, P.A. "What a student needs to know about publishing," NOAA Center for Coastal and Marine Ecosystems, Center-Wide Core Competency Course, St. Augustine, Florida, In-person, 26 July 2021.
- *Montagna, P.A. "Academic Programs at TAMUCC," NOAA Center for Coastal and Marine Ecosystems, Center-Wide Core Competency Course, St. Augustine, Florida, In-person, 25 July 2021.
- *Montagna, P. "Into the Benthos and Back: What have Infauna Taught Us?" International Oil Spill Conference, Virtual, 13 May 2021.
- *Montagna, P.A. "Water Resources and Importance of Environmental Flows in Texas," Marine Ecology Class, University of Texas at Austin, Austin, Texas, 22 March 2021. 37 people.
- *Montagna, P.A. "Long-Term Benthic Data Adaptive Management of Three Basins," Project Webinar, Texas Water Development Board, 18 March 2021. 37 people.
- *Montagna, P.A. "Developing Broader Impact Statements for Proposals," NSF Grant-Writing Bootcamp, Texas A&M University-Corpus Christi, TX, 7 December 2020. 25 people.
- *Montagna, P.A. "Water Resources and Importance of Environmental Flows in Texas," Estuarine Ecology Class, University of Texas at Austin, Austin, Texas, 22 May 2020. 30 people.
- *Montagna, P.A. "Effects of oil spills in the deep sea." Marine Ecology Class, University of Texas at Austin, Austin, Texas, 5 May 2020. 60 people.
- *Montagna, P.A. "A Little Water Can Go a Long Way, Especially in a Drought: The Focused Flow Concept." San Antonio Bay Partnership's 10th Anniversary Conference, University of Houston at Victoria, Victoria, TX, 22-23 January 2020.
- *Montagna, P.A. "Long-term Dynamics in Lavaca Bay." Lavaca Bay Foundation, Port Lavaca, TX, 16 January 2020.
- *Montagna, P.A. "Lessons Learned from the Deepwater Horizon Oil Spill." Oil Spills and Deepwater Horizon Panel Discussion, the U.S. Department of State's International Visitor Leadership Program: "Advancing the Culture of Safety and Risk Management in the Energy Sector." Texas A&M University-Corpus Christi, Corpus Christi, TX, 22 November 2019.
- Montagna, P.A., H. Ehrmann, E. Kurr. "Focused flows to protect natural nurseries." Coastal and Estuarine Research Federation, Biennial Meeting, Mobile, AL, 3-7 November 2019.
- *Montagna, P.A. "Persistent Impacts to the Deep Sea After the Deepwater Horizon Oil Spill." 45th International Association of Aquatic and Marine Science Libraries and Information Centers (IAMSLIC) Annual Conference, Texas A&M University-Corpus Christi, Corpus Christi, TX, 22 October 23, 2019.
- *Montagna, P.A. "Development of Freshwater Inflow/Biological Indicator Relationship." Colorado-Lavaca Bay and Basin Area Stakeholder Committee, LaGrange, TX, 2 August 2019.
- *Montagna, P.A. "Using Comparative Long-Term Benthic Data for Adaptive Management of Freshwater Inflow to Three Estuaries (Colorado-Lavaca, Guadalupe, and Nueces)." Colorado-Lavaca Bay and Basin Area Stakeholder Committee, LaGrange, TX, 2 August 2019.
- Montagna, P.A. Is Meiofauna better than Macrofauna for environmental assessment? 17th International Meiofauna Conference, University of Évora, Portugal, 7-12 July 2019.

- *Montagna, P.A. “People, Climate, and the Importance of Freshwater Inflow to Estuaries.” University of Texas, Research Experiences for Undergraduates, Corpus Christi, TX, 28 June 2019.
- *Montagna, P.A. “Importance of Freshwater Inflow to Lavaca Bay.” Formosa Plastics, Point Comfort, TX, 26 June 2019.
- *Montagna, P.A. “Estuary Desal Issues: Intakes and Discharges.” Coastal Bend Bays Foundation, Corpus Christi, TX, 12 May 2019.
- *Montagna, P.A. “Importance of Environmental Flows to Lavaca Bay.” Lavaca Bay Foundation, Port Lavaca, TX, 18 April 2019.
- Montagna, P.A., C. Chaloupka, E. DelRosario, A. Gordon, T. Palmer, and E. Turner. “Using Benthic Indicators to Determine Freshwater Inflow Requirements for Hydrological Restoration of a Salt Marsh.” Benthic Ecology Meeting, St. John’s, Newfoundland, Canada, 4 April 2019.
- *Montagna, P.A. “Focused Flows for Environmental Benefit.” Texas Environmental Flows Funders Briefing, Meadows Foundation, Dallas, TX, 26 March 2019.
- *Montagna, P.A. “Water resources and importance of environmental flows in Texas.” Environmental Engineering Seminar Series, Texas A&M University – Kingsville, Kingsville, TX, 8 March 2019.
- *Montagna, P.A. and J. Trungale. “Assessment of the Relationship Between Freshwater Inflow and Biological Indicators in Lavaca Bay.” Colorado-Lavaca Bay & Basin Stakeholder Committee Meeting, LaGrange, TX, 1 March 2019.
- *Montagna, P.A., M. Rohal, P. Schwing, I.C. Romero, and E. Escobar-Briones. “Lessons Learned From Ixtoc : Inspired by Wes Tunnell.” Gulf of Mexico Oil Spill and Ecosystem Conference, New Orleans, LA, 7 February 2019.
- *Montagna, P.A. “What I Wish I Knew When I Was a Graduate Student: Turning Your Research into Publications,” Coastal Estuarine Research Federation, 2019 Webinar Series, <https://www.cerf.science/webinars>. 23 January 2019.
- Montagna, P.A. “Customizing ODS Graphics to Publish Visualizations.” South Central SAS Users Group Meeting, Austin, TX, 4-7 November 2018
- Montagna, P.A., L. Hyde, R. Kalke, E. Morgan, L. Walker, M. Wetz. “Impact of Hurricane Harvey on benthos.” Harvey Research Symposium, Port Aransas, TX, 23 August 2018.
- Montagna, P.A., C. Chaloupka, E. DelRosario, A. Gordon, R. Kalke, T. Palmer, and E. Turner. “Managing environmental flows and water resources,” Environmental Impact 2018, Naples, Italy, 20-22 June 2018.
- Montagna, P.A., M. Hardegree. Long-term changes in estuarine benthos and fish are related to climate change. Association for Science of Limnology and Oceanography Meeting, Victoria, Canada, June 11-15, 2018.
- *Montagna, P.A. “Why Mollusks are Great Indicators of Ecosystem Health.” Texas Shell Club, Corpus Christi, TX, 5 May 2018.
- Montagna, P. A. “What have we learned from studies of offshore platforms, oil seeps, and oils spills?” Benthic Ecology Meeting, Corpus Christi, TX, 28-30 March 2018.
- *Montagna, P. “Scientific Writing and Publishing Boot Camp.” Workshop at the Benthic Ecology Meeting, Corpus Christi, TX, 27 March 2018.
- *Montagna, P.A. “Turning Your Research into Publications.” Texas A&M University-Corpus Christi, College of Graduate Studies, the Graduate Resource and Opportunity Workspace (GROW), Corpus Christi, TX, 24 March 2018.
- Montagna, P. “Effect of Freshwater Inflow on Biogeochemistry of Estuaries Across a Climatic Gradient” NOAA Education Partnership Program Forum, Howard University, Washington, D.C. 19-21 March 2018.
- *Montagna, P.A. “Perspectives from Deepwater Horizon and Ixtoc Spills to Inform Future Incidents in the Gulf.” The Florida Straits: Model for International Cooperation, Nova Southeastern University, Ft. Lauderdale, FL 5-6 March 2018.
- Montagna, P.A. X. Hu, and M. Wetz. “Biogeochemical Impact of Hurricane Harvey on Texas Coastal Lagoons.” Ocean Sciences Meeting, Portland, OR, 12-16 February 2018.
- Montagna, P.A. and M. Reuscher. “How suitable are species level and family level identifications of Gulf of Mexico polychaetes for multivariate biodiversity assessments.” Gulf of Mexico Oil Spill and Ecosystem Science Conference, New Orleans, LA, 6-8 February 2018.
- *Montagna, P.A. “What we have learned from past platform and oil spill studies.” Sanctuary Advisory Council Meeting, Flower Garden Banks National Marine Sanctuary, NOAA Lab, Galveston, TX, 15 November 2017.
- Montagna, P.A. “Designation of a National Estuarine Research Reserve for Conservation.” 2017 NERRS/NERRA Annual Meeting, Corpus Christi, TX, 13 November 2017.

- *Montagna, P.A. “Ecosystem Services Provided by Benthic Habitats.” Coastal Estuarine Research Federation Biennial Meeting, Providence, RI, 5-9 November 2017.
- *Montagna, P.A. “Marine Ecology and Water Research in the Gulf of Mexico.” Workshop on Offshore Well Completion and Stimulation Using Hydraulic Fracturing and Other Technologies, National Academies of Sciences, Engineering, and Medicine, Washington, DC, 2-3 October 2017.
- *Montagna, P.A. “Are Offshore Platforms Benthic Disturbances or Habitats?” International Council for Exploration of the Sea, All Science Conference (ICES ASC), Fort Lauderdale, FL, 20 September 2017
- *Montagna, P. “Deep-Sea Research in the Gulf of Mexico.” Geaux Deep, Louisiana Universities Marine Consortium, Chauvin, LA, 17-19 August 2017.
- *Montagna, P. “Fundamentals of Ecological Modeling,” and “Deep Sea Research for Place-Based Conservation.” Center for Coastal and Marine Ecosystems (CCME), Center Wide Core Competency Course, Gulf Coast Research Laboratory, Ocean Springs, MS, 1-3 August 2017.
- *Montagna, P.A. “Importance of freshwater inflows.” CLE Coastal Law Conference, Houston, TX 8-9 June 2017.
- *Montagna, P.A. “Effects of the Deepwater Horizon oil spill on the deep sea.” Friday Morning Group, Corpus Christi, TX, 2 June 2017.
- *Montagna, P.A. “Ecosystem Services Provided by Benthic Habitats.” Annual Meeting of the Benthic Ecology Workgroup (BEWG), International Council for the Exploration of the Sea (ICES), Gdansk, Poland, 8-12 May 2017.
- Montagna, P.A., Palmer, T., Turner, E. “Hydrological restoration of benthos in a hydrologically stressed estuary,” 46th Annual Benthic Ecology Meeting, Myrtle Beach, SC, 12-16 April 2017.
- Montagna, P.A., X. Hu, T. Palmer, and M. Wetz. “Effect of Freshwater Inflow on Biogeochemistry of Estuaries at Regional and Local Scales,” Aquatic Sciences Meeting (ASLO 2017), Honolulu, HI, 26 February – 3 March 2017.
- *Montagna, P.A., J.G. Baguley, C. Cooksey, J.L Hyland, D. Hollander, and M. Reuscher. “Persistent impacts to the deep soft-bottom benthos and potential for recovery after the Deepwater Horizon event,” Gulf of Mexico Oil Spill and Ecosystem Science (GoMOSES) Conference, New Orleans, LA, 6 February – 9 February 2017.
- *Montagna, P.A. “Policy and science framework for freshwater inflow determinations under Texas SB3,” RAE’s 8th National Summit on Coastal and Estuarine Restoration and 25th Biennial Meeting of The Coastal Society, New Orleans, LA, 10-15 December 2016.
- Montagna, P.A. “Persistent impacts to the deep soft-bottom benthos one year after the Deepwater Horizon event,” NOAA Educational Partnership Program with Minority Serving Institutions, 8th Biennial Education and Science Forum, The City College of New York, New York, 28-31 August 2016.
- Montagna, P.A., C. Chaloupka, E. DelRosario, A. Gordon, T. Palmer, and E. Turner. “Hydrological Restoration of Rincon Bayou, Nueces Marsh,” Society of Wetland Scientists, Corpus Christi, TX, 1-3 June 2016.
- Montagna, P.A. and E.L. Turner. “Forecasting effects of salinity regime changes on benthic fauna in a shallow marsh using the Benthic Ecology Model (BEM),” International Society of Ecological Modeling, Baltimore, MD, 9-12 May 2-16.
- Montagna, P.A. “Persistent impacts to the deep soft bottom benthos four years after the Deepwater Horizon,” Gulf of Mexico Oil Spill & Ecosystem Science Conference, Tampa, FL, 1-5 February 2016.
- Montagna, P.A. “Footprint of the DWH Oil in the Gulf: Soft Sediment Faunal Impact” Sea Grant Oil Spill Conference, Corpus Christi, TX 8 December 2015.
- Montagna, P.A. “The case of the disappearing benthos.” Coastal and Estuarine Research Federation, Portland, OR, 9-12 November 2015.
- Montagna, P.A. “Freshwater inflow to estuaries: water run to waste? Environmental Science Department Seminar, Baylor University, Waco, TX 1 September 2015
- Montagna, P.A. “Freshwater Inflow to Estuaries: Water Run to Waste?” Texas Bays and Estuaries Meeting, UT Marine Science Institute, Port Aransas, TX. 23-24 April 2014.
- *Montagna, P.A. “Freshwater Inflow to Estuaries: Water Run to Waste?” Clean Waters Initiative, Estuary Programs and Freshwater Inflows Meeting, Houston-Galveston Area Council, Houston, TX, 7 May 2014.
- *Montagna, P.A. Impact of Deepwater Horizon Accident on the Deep-Sea. US-Cuba-MX-Jamaica-Bahamas Technical Working Group on oil spills in the Gulf of Mexico, USCG Station, Clearwater, FL, 15 November 2013.
- Montagna, P.A., and T. Palmer. Impacts of Droughts and Low Flows on Estuarine Health and Productivity in Three Texas Estuaries. Coastal & Estuarine Research Federation (CERF) 2013, San Diego, CA. 3-7 November 2013
- *Montagna, P.A. Modeling and Forecasting. lecture given at the ECSC Center Wide Core Competency (ECSC CWCC) Short Course. ‘Multidisciplinary Techniques in Marine Science & Policy’ NOAA Environmental

- Cooperative Science Center Summer Semester. Florida State University Marine Laboratory, St. Teresa, Florida. 7 August 2013
- *Montagna, P.A. Understanding and Managing Dewatering of Estuaries Using Ecohydrology Tools. NOAA ECSC WEBINAR, Florida A&M University, Tallahassee, FL, 22 May 2013.
 - *Montagna, P.A., A. Reisinger, B. Paudel, and B.A. Spiering. Establishing Standard Water Quality Criteria Using Satellite Products for Texas. NASA Gulf of Mexico Initiative 2013 ROSES Workshop, New Orleans, LA. 23-25 January 2013.
 - *Montagna, P.A., and T. Palmer. Impacts of Droughts and Low Flows on Estuarine Health and Productivity. National Wildlife Foundation, Drought Impact and Recovery in Texas Estuaries, Houston, TX. 30 January 2013
 - Montagna, P.A., J. Baguely, J. Hyland and C. Cooksey. Deep-sea Benthos Response to the Deepwater Horizon Blowout. Gulf of Mexico Oil Spill & Ecosystem Science Conference, New Orleans, LA. 21-23 January 2013.
 - *Montagna, P.A. 2012. Developing decision support tools for freshwater inflow to estuaries. Gulf Coast Prairie Landscape Conservation Cooperative, Instream Flow Resources Project, Steering Committee Workshop, Texas State University, San Marcos, TX July 16-17, 2012.
 - *Montagna, P.A. 2012. Work Group For Freshwater Inflow Requirements: GOMA Regional Partnership Projects. Gulf of Mexico Alliance, All Hands Meeting, Corpus Christi, TX, June 19-21, 2012.
 - Montagna, P.A. 2012. Understanding and managing dewatering of the Texas (USA) Coast using ecohydrology tools. Estuarine and Coastal Sciences Association, 50th Meeting, Venice, Italy, June 4-7, 2012.
 - *Montagna, P.A. 2012. Effect of Freshwater Inflow on Benthic Secondary Production in Texas Lagoons. Sixth Education And Science Forum, National Oceanic And Atmospheric Administration, Office Of Education, Educational Partnership Program, Florida A&M University, Tallahassee, Florida, March 26-28, 2012.
 - Montagna, P.A. 2012. Sediment Quality Triad in the Deep-Sea Fall 2010 After the Deepwater Horizon Accident. Benthic Ecology Meeting, Norfolk Virginia, 22-24 March 2012.
 - Montagna, P.A. 2012. Sediment Quality Triad Analysis of Deep-Sea Sediments. Harte Research Institute Seminar Series, 10 February 2012.
 - *Montagna, P.A. "Impacts of Deepwater Horizon Oil Spill in Relations to Broader Coastal/Marine Stressors," Texas Grant Makers Annual Meeting, Harte Research Institute, Texas A&M University-Corpus Christi, Corpus Christi, Texas, 31 January 2011.
 - Montagna, P.A. 2011. Sediment Quality Triad Analysis of Deep-Sea Sediments. Coastal Estuarine Research Federation Meeting, Daytona Beach, FL, 7-10 November 2011.
 - Montagna, P.A. "Microtox® Analysis of the Effects of the Deepwater Horizon Oil Spill on Offshore Benthic Habitats." Benthic Ecology Meeting, Mobile, AL, 19 March 2011.
 - *Montagna, P.A. "Impacts of DW Horizon Oil Spill in Relation to Broader Coastal/Marine Stressors," Gulf Ecosystem Restoration Task Force, Harte Research Institute, Texas A&M University-Corpus Christi, Corpus Christi, Texas, 3 February 2011.
 - *Montagna, P.A. "Freshwater inflow for the Texas coastal zone." University of Texas Marine Science Institute, Port Aransas, TX, 30 June 2010
 - *Montagna, P.A. "Freshwater inflow assessment for the Gulf of Mexico Alliance. GOMA Habitat Conservation Restoration Team Meeting, St. Petersburg, FL 22-23 June 2010.
 - *Montagna, P.A., "Scientific writing" McNair Conversations, Texas A&M University-Corpus Christi, Corpus Christi, TX, 4 June 2010.
 - *Montagna, P.A. "Man and oceans." Windsor Elementary School, 5 April 2010.
 - *Montagna, P.A., H.C. Kim. "Effect of freshwater inflow on benthic secondary production in Texas lagoons." Aquatic Sciences Meeting, sponsored by ASLO and NABS, Santa Fe, New Mexico, 6-11 June 2010.
 - *Montagna, P.A. "Indicators of estuarine health." Freshwater Inflows: 2010 and Beyond, Sponsored by Texas Parks and Wildlife Department and the Harte Research Institute, Corpus Christi, Texas, 8-10 February 2010.
 - *Montagna, P.A. "Coastal Ecosystem Dynamics." Land, Water, People Conference, sponsored by the River Systems Institute, San Marcos, TX, 16-18 November 2009.
 - Montagna, P.A. "Role of science-based and adaptive management in allocating environmental flows in the Nueces Estuary." Coastal and Estuarine Research Federation, 20th Biennial Conference, Portland, OR, 1-5 November 2009.
 - *Montagna, P.A. "Streamflows, bay and estuary flows." Water in the Houston Metabolism Conference. Shell Center for Sustainability, Rice University, Houston, TX, 13 October 2009.
 - *Montagna, P.A. "Status of the Rincon Bayou Monitoring Plan." Nueces Estuary Advisory Council Meeting, Texas A&M University, Corpus Christi, May 19, 2009.

- *Montagna, Paul, "A Journey in Science and Society" McNair Conversations, Texas A&M University-Corpus Christi, Corpus Christi, TX, April 10, 2009.
- *Montagna, P. "Man and the Ocean." Lecture to the Windsor Park Elementary School, 4th Grade Classes, Ocean Commotion Week, November 2, 2008.
- *Montagna, P.A. "Dead Zones large & small, including right here in Corpus Christi Bay." Coastal Bend Bays Foundation, Coastal Issues Forum, Texas A&M University-Corpus Christi, Corpus Christi, TX, October 13, 2008.
- *Montagna, P.A. "Lessons In Adaptive Management Of An Inverse Estuary: Rincon Bayou, Nueces Delta, Texas." California Estuarine Research Society, Ensenada, Mexico, April 27 – 30, 2008.
- Montagna, P.A., J. B. Pollack, and J. Kinsey. "Development Of The Freshwater Inflow Biotic Index (FIBI)." Benthic Ecology Meeting 2008, Providence, Rhode Island, April 10-12, 2008.
- *Montagna, P.A. "From Sensors to Science: Cyber-tools For Understanding Hypoxia in Corpus Christi Bay." Texas A&M University at Galveston, Seminar Series. Galveston, TX April 1, 2008.
- Montagna, P.A. E. Hill, R. Allen, and B. Moulton. "Adaptive Management of the Nueces River System to Provide Stable Water Supplies and Environmental Flows." Estuarine Research Federation Meeting, Providence, RI, November 4-8, 2007.
- Montagna, P.A. "Relationship Between Nutrients, Productivity, and Diversity." Lecture for Concepts in Marine Conservation Biology - MNS f352, University of Texas Marine Science Institute, Port Aransas, TX, June 8, 2007.
- *Montagna, P.A. "Effect of Freshwater Inflow and Nutrient Loading on Infaunal Benthos Among Texas Estuaries." University of West Indies, Port-of-Spain, Trinidad, June 6, 2007.
- *Montagna, P.A. ASoft bottom benthos." Marine Ecology Class, University of Texas at Austin, Port Aransas, Texas, 2 April 2007.
- Palmer, T.P. and Montagna, P.A. ACharacterization of benthic habitats in proximity to the Lower Colorado River, Texas." Georgia Tech University, Benthic Ecology Meeting, 21-24 March 2007.
- Montagna, P.A. "Predicting benthic productivity change resulting from potential freshwater diversions." Georgia Tech University, Benthic Ecology Meeting, 21-24 March 2007.
- *Montagna, P.A. "Predicting Productivity Change Resulting from Potential Freshwater Diversions." Galveston Bay Estuary Program, Eighth Biennial State of the Bay Symposium, Galveston, Texas, 23-25 January 2007.
- *Montagna, P.A. "Multivariate Analysis to Synthesize Benthic Data Collected During the Deep Gulf of Mexico Benthos (DGoMB) project." Minerals Management Service, Information Transfer Meeting, New Orleans, LA, 9-11 January 2007.
- Montagna, P.A. "Predicting Benthic Productivity Change In Matagorda Resulting From Potential Freshwater Diversions." Gulf Estuarine Research Society Meeting, Corpus Christi, Texas, 3-4 November 2006.
- Moretzsohn, F. & Montagna, P. "Estuarine Molluscs Of Texas." Gulf Estuarine Research Society Meeting, Corpus Christi, Texas, 3-4 November 2006.
- *Montagna, P.A. "Experience in Other States and Countries Regarding the Role of Science Informing Freshwater Inflow Management and Policy." Environmental Flow Workgroup, Austin, Texas 5 March 2006.
- *Montagna, P.A. "Effect of Nutrient Loading on Benthos and Opportunities in the National Estuarine Research Reserve (NERR)." Oceanography Department, College Station, Texas, 27 February 17, 2006
- *Montagna, P.A. "Opportunities in the National Estuarine Research Reserve (NERR)." Geosciences Brownbag Seminar, Austin, Texas, 17 February 17, 2006.
- *Montagna, P.A. "Mission-Aransas National Estuarine Research Reserve Federal Consistency." Coastal Coordination Council, Executive Committee Meeting, Austin, Texas, 2 February 2006.
- *Montagna, P.A. "Managing water resources: Policy perspectives." NERRA-NERRS Annual Meeting, Naples, Florida, 13 December 2005.
- *Montagna, P.A. "Effect of Freshwater Inflow and Nutrient Loading on Infaunal Benthos Among Texas Estuaries," Nutrient Loading Symposium, Estuarine Research Federation Biennial Meeting, Norfolk, Virginia, 16-21 October 2005.
- *Montagna, P.A. "Proposed Texas NERR and Conservation." The Sierra Club, Executive Committee Meeting, Port Aransas, Texas, July 16, 2005.
- *Montagna, P.A. "Proposed Texas NERR." Rotary Meeting, Corpus Christi, Texas, July 14, 2005.
- *Montagna, P.A. "Freshwater Inflow to Estuaries: Water Run to Waste?" COSEE Teacher Workshop, MNS, Port Aransas, Texas, June 20, 2005.
- *Montagna, P.A. "Freshwater Inflow to Estuaries: Water Run to Waste?" GK-12 Teacher Workshop, MNS, Port Aransas, Texas, June 7, 2005.

- *Montagna, P.A. "Direct and Indirect Effects of Hypoxia on Benthos in Corpus Christi Bay, Texas." Symposium and the Life and Times of Richard Warwick, Annual Benthic Ecology Meeting, Williamsburg, Virginia, April 8, 2005.
- *Montagna, P.A. "Effect of Proposed Texas NERR on Whooping Cranes." Whooping Crane Festival, Port Aransas, Texas, February 26, 2005.
- *Montagna, P.A. "Importance of Freshwater Inflow to Texas Estuaries." Biology Department Seminar Series, Trinity University, San Antonio, Texas, February 14, 2005.
- *Montagna, P.A. "Freshwater Inflow Makes Wetlands." Wetlandology Workshop, City of Port Aransas, Port Aransas, Texas, January 29, 2005.
- *Montagna, P.A. "The Texas NERR: A Living Laboratory." MNS, Public Lecture Series, Port Aransas, Texas, January 27, 2005.
- *Montagna, P.A. "Proposed Texas NERR." Coastal Conservation Association Meeting, Corpus Christi, Texas, January 18, 2005.
- *Montagna, P.A. "Emerging practices to manage fresh water inflows." Coastal Bend Bays & Estuaries Program, Annual Conservation and Environmental Stewardship Awards Dinner, Corpus Christi, Texas, October 22, 2004.
- *Montagna, P.A. "Environmental flows: Lifeblood for the coastal ecology and economy." Water and the Future of the Texas Coast, Conference, sponsored by the Sierra Club, Houston, Texas, September 25, 2004.
- *Montagna, P.A. "Approaches to Establish Minimum Flows to Bays and Estuaries," University of Texas Marine Science Institute, Port Aransas, Texas, September 10, 2004.
- Montagna, P.A., R. Burgess, and J. Sharma. "Assessment of Stormwater Outfalls in Corpus Christi Bay, Texas, Using Meiofauna." Twelfth International Meiofauna Conference, Ravenna (Italy), July 11-16, 2004.
- *Montagna, P.A. "Approaches to Establish Minimum Requirements for Freshwater Inflow to Bays and Estuaries." Science Advisory Committee of the Study Commission on Environmental Flows, Austin, Texas June 18, 2004.
- Montagna, P.A. "River Inflows to Estuaries: Water Run to Waste." COSEE Teacher Institute, MNS, Port Aransas, Texas, June 13, 2004.
- Montagna, P.A. "River Inflows to Estuaries: Water Run to Waste." GK-12 Summer Course, MNS, Port Aransas, Texas, June 4, 2004.
- Montagna, P.A. "The proposed Texas National Estuarine Research Reserve" SAIL conference, MNS, Port Aransas, Texas, May 13, 2004.
- Montagna, P.A., R. Kalke, S. Morehead and C. Simanek, "Direct and Indirect Effects of Hypoxia on Benthos in Corpus Christi Bay, Texas," Annual Benthic Ecology Meeting, Mobile, AL March 26-27, 2004.
- *Montagna, P.A. "Water for Nature." Souss-Massa Integrated Water Management / Coastal Zone Management Workshop, sponsored by U.S. Agency for International Development. Agadir, Morocco, December 2 - 4, 2003.
- *Montagna, P.A. "Freshwater Inflow to Estuaries: Methods Guide." Freshwater inflow to estuaries Workshop, sponsored by The Nature Conservancy. Arlington, Virginia, November 24-25, 2003.
- Montagna, P.M. "Importance of Freshwater Inflow to the Texas Coastal Resources" Integrated Watershed Sciences Symposium: Bridging the Gap Between Science and Application, University of Texas at Austin, Environmental Science Institute, Austin, Texas. November 12, 2003.
- Montagna, P.A. "The proposed Texas National Estuarine Research Reserve" Aransas Bird and Wildlife Club, Rockport, Texas, October 16, 2003.
- Montagna, P.A. "Environmental Effects of Packery Channel Construction" Rotary Club, Taft, Texas October 14, 2003.
- Montagna, P.A. "Protecting Environmental Flows: Science, Economics, Policy." South Central Texas Regional Water Conference, New Braunfels, October 11, 2003
- Montagna, P.A. "Status of U.S. Studies on Offshore Exploration and Production Effects in the Gulf of Mexico" Department of Marine Science Seminar Series, Port Aransas, Texas September 26, 2003.
- Montagna, P.A., S. Morehead, M. Russell. "Temperature Increases Can Decrease Dissolved Oxygen in Estuarine Waters." Estuarine Research Federation Conference, Seattle, WA. September 14-18, 2003.
- Montagna, P.A., S. C. Jarvis, and M. C. Kennicutt II. "Distinguishing between artificial reef effects and platform effects on benthos." Offshore Oil and Gas Environmental Effects Monitoring Workshop, May 26 - 30, 2003, Bedford Institute of Oceanography, Dartmouth NS, Canada.
- Montagna, P.A. "Using genetic diversity as an indicator in marine monitoring programs." Offshore Oil and Gas Environmental Effects Monitoring Workshop, May 26 - 30, 2003, Bedford Institute of Oceanography, Dartmouth NS, Canada.

- Montagna, P.A. and D.E. Harper. "Long-term response of benthos to production platforms in the Gulf of Mexico." Offshore Oil and Gas Environmental Effects Monitoring Workshop, May 26 - 30, 2003, Bedford Institute of Oceanography, Dartmouth NS, Canada.
- Montagna, P.A. "Status of U.S. Studies on Offshore Exploration and Production Effects in the Gulf of Mexico" International Seminar Environmental Practices of Offshore Exploration and Production, Veracruz, Mexico, April 23-25, 2003.
- *Montagna, P.A. "Methods for setting minimum environmental flows." Water, Nature and Environment Theme, Third World Water Forum, Kyoto, Japan, March 17-18, 2003.
- Montagna, P.A. "The proposed Texas National Estuarine Research Reserve" Rockport City Council and Aransas County Commissioners, Rockport, Texas, February 25, 2003.
- Montagna, P.A. "Fresh water for bays and estuaries: water run to waste?" Souss-Massa Integrated Watershed Management workshop, Agadir, Morocco, February 3-7, 2003.
- Montagna, P.A. "Fresh water for bays and estuaries: water run to waste?" University of Texas Marine Science Institute, January 16, 2003.
- Montagna, P.A. "The proposed Texas National Estuarine Research Reserve." Corpus Christi Port Industries Technical Committee, Corpus Christi, Texas, January 16, 2003.
- Montagna, P.A. "The proposed Texas National Estuarine Research Reserve" Texas Department of Transportation, Corpus Christi, Texas, January 15, 2003.
- Montagna, P.A. "Fresh water for bays and estuaries: water run to waste?" Krost Symposium: Drought Punctuated by Flood, Texas Lutheran University, Seguin, Texas, November 21, 2002.
- Montagna, P.A. "Importance, Diversion, and Restoration of Freshwater Inflow in Texas Estuaries." Texas A&M University at Galveston, Recent Advances in Marine Science Seminar Series, Galveston, Texas, November 12, 2002.
- *Montagna, P.A. "Nueces Estuary case study: setting minimum flows and restoration projects." Ecological Consequences of Freshwater Diversions from Coastal Ecosystems Symposium. Sponsored by U.S. Agency for International Development. University of Rhode Island, Narragansett, Rhode Island, October 28, 2002.
- Montagna, P.A. "Effect of offshore exploration and production on the marine environment" Society of Independent Professional Earth Scientists, Corpus Christi, Texas, September 24, 2002.
- *Montagna, P.A. "Rincon Bayou Restoration." When the Water Run Dry: Maintaining a Balance Between Human and Environmental Needs, sponsored by the Gulf Restoration Network. New Orleans, LA, September 9-10, 2002.
- Montagna, P.A. "The proposed Texas National Estuarine Research Reserve" Coastal Coordination Council, Board Meeting. Houston, Texas, September 5, 2002.
- Montagna, P.A. "The proposed Texas National Estuarine Research Reserve" Audubon Society, Corpus Christi, Texas, September 3, 2002.
- Montagna, P.A. "Proposed Texas National Estuarine Research Reserve." Air & Waste Management Association, Corpus Christi Chapter Meeting, August 8, 2002.
- Montagna, P.A. "Importance of freshwater inflow to estuaries." SIPES meeting, Corpus Christi, Texas, July 30, 2002
- *Montagna, P.A. "Rincon Bayou Monitoring Plan." Nueces Estuary Advisory Committee, Corpus Christi, Texas, July 27, 2002.
- Montagna, P.A. "Rincon Bayou Restoration Project Results." Representative Jaime Capelo's Hearings on water releases from the Wesley Seale Dam, Corpus Christi, Texas, June 26, 2002.
- Montagna, P.A. "Importance of freshwater inflow to estuaries." Gulf of Mexico National Estuary Program Directors Meeting, New Orleans, LA. June 13, 2002.
- *Montagna, P.A. and H. DeYoe. "Effect of freshwater inflow on the Lower Rio Grande." Rio Bravo/Rio Grande Symposium, Texas Academy of Science, Texas A&M International University, Laredo, Texas, March 2, 2002.
- *Montagna, P.A. "Effectiveness of marine protected areas." Here today, here tomorrow: a geographic focus on marine conservation" Student Ocean Conference, Texas State Aquarium, November 30, 2002.
- Montagna, P.A., R.D. Kalke, X.L. Ma. "*Rangia cuneata* is an indicator of past inflow regimes." Estuarine Research Federation Biennial Conference, St. Pete Beach, FL, 4-8 November 2001.
- *Montagna, P.A. AGOOMEX: Experimental Design and What the Mercury Data Mean." OCS Scientific Committee Meeting, U.S. Minerals Management Service. Alexandria, Virginia, April 23-25, 2002.
- *Montagna, P.A. and H. DeYoe. "Effect of freshwater inflow on the Lower Rio Grande." Rio Bravo/Rio Grande Symposium, Texas Academy of Science, Texas A&M International University, Laredo, Texas, March 2, 2002.
- Montagna, P.A., R.D. Kalke, and M.C. Ritter. "Effect of restored inflow on marsh benthos." Estuarine Research Federation Biennial Conference, St. Pete Beach, FL, 4-8 November 2001.

- Montagna, P. A., "How many species of meiofauna are there?" Eleventh International Meiofauna Conference, Boston University July 14 - 20, 2001.
- Baguley, J., L. Hyde, and P.A. Montagna, "Factors controlling meiofauna abundance and biomass in the deep Gulf of Mexico." Eleventh International Meiofauna Conference, Boston University July 14 - 20, 2001.
- Hyde, L. and P.A. Montagna, "Application of image analysis to measure meiofauna biomass" Eleventh International Meiofauna Conference, Boston University July 14 - 20, 2001.
- *Montagna, P. "Using genetic diversity as an ecological indicator in monitoring studies," AGenomics 2001, a spatial and temporal odyssey" (with Benson and Summers), AUSGS/BEST studies in support of EMAP Western Pilot Study" (with Carr), EPA EMAP Symposium, Pensacola, FL, April 24 - 27, 2001.
- *Montagna, P. "The Importance of Freshwater Inflow to Texas Estuarine Productivity," Dept. Biology, University of Texas-Brownsville, March 26, 2001.
- *Montagna, P. "Setting minimum inflows in Texas Estuaries." Southeastern Estuarine Research Society, University of Tampa, Tampa, FL, October 28, 2000.
- *Montagna, P. "Values and importance benthic habitats," A Use of multivariate statistics in environmental and ecological studies," and "Importance of freshwater inflow in maintaining estuarine productivity." Three Invited lectures at the University of Alexandria, Alexandria Egypt. October 2 - 6, 2000.
- Montagna, P.A. "Using Estuarine Infauna Data to Create a Benthic Index of Biotic Integrity." Presented at Society of Environmental Chemistry and Toxicology annual meeting, November 14-19, 1999, Philadelphia, PA.
- Montagna, P.A., S. Jarvis, R. Kalke, C. Ritter, M. Irlbeck, D. Stockwell, T. Whitledge, "Effect of Restored Inflow on Marsh Productivity." Presented at the Estuarine Research Federation biennial meeting, September 27-30, 1999, New Orleans, LA.
- Montagna, P. "Effect of Restored Inflow on Marsh Productivity Indicated by Benthos," Benthic Ecology Meeting, Baton Rouge, LA., March 25 - 29, 1999.
- *Montagna, P.A. "Water column and benthic processes," U.S. Bureau of Reclamation, Denver, Colorado. February 17, 1999.
- Montagna, P.A. "Using benthic infauna data to assess risk" American Society of Limnology and Oceanography, Santa Fe, New Mexico. February 1 - 5, 1999.
- Montagna, P.A. and T. Holmberg, "Epibiont recruitment." Minerals Management Service, Information Transfer Meeting, Kenner, Louisiana. December 8-10, 1998.
- *Montagna, P. "Sediment quality: benthic community effects", and "Management goals: Systems ecologist viewpoint," Technical Meeting on Water and Sediment Quality, sponsored by the Corpus Christi Bay National Estuary Program. Corpus Christi, Texas. July 15-16, 1997.
- *Montagna, P. "Effect of climate on freshwater inflow and benthic productivity in Texas estuaries," seminar, Universidad Nacional Autonoma de Mexico, May 12, 1997.
- Montagna, P. "Effect of freshwater inflow on modeled benthic production". Annual Benthic Ecology Meeting, Portland, Maine, April 3-6, 1997.
- Montagna, P. "Effect of freshwater inflow on infaunal benthos of Texas Bays," Freshwater Inflow Symposium, Texas Academy of Sciences Meeting, Sam Houston State University. March 6-8, 1997.
- *Montagna, P. "A new molecular and statistical approach to measure anthropogenic impacts", Recruitment Workshop sponsored by the Texas Sea Grant Program. Bryan, Texas. February 27, 1996.
- Montagna, P. "Effect of salinity on modeled benthic production". American Society of Oceanography and Limnology, Santa Fe, New Mexico, February 10-17, 1997.
- *Montagna, P. "Review of Bay Bottoms Report," Lower Laguna Madre Workshop, Lower Laguna Madre Foundation, Coastal Studies Lab, South Padre Island, Texas. December 13, 1996.
- *Montagna, P. "Setting the stage: An introduction to the estuarine ecosystem" Bay Summit, Corpus Christi Bay National Estuary Program. Corpus Christi, Texas. September 9, 1996.
- *Montagna, P. "Habitat and living resources: Below the waterline - sediment communities," Bay Summit, Corpus Christi Bay National Estuary Program. Corpus Christi, Texas. September 9, 1996.
- *Montagna, P. "The importance of freshwater inflow to the maintenance of secondary productivity in Texas estuaries." Biology Department Seminar, Southwest Texas University, San Marcos, TX. February 19, 1996.
- *Montagna, P. "Benthic ecological patterns associate with offshore production platforms." Minerals Management Service, Information Transfer Meeting, New Orleans, Louisiana. December 12-14, 1995.
- Conley, M., Kalke, R. and Montagna, P.A. "Loss of diversity and food web change is caused by a brown tide." Estuarine Research Federation Biennial Conference, Corpus Christi, Texas. November 12-16, 1995.
- Ward, L. and Montagna, P.A. "Long-term changes in Nueces estuarine benthos due to climatic influences." Estuarine Research Federation Biennial Conference, Corpus Christi, Texas. November 12-16, 1995.

- *Montagna, P. "Long-term biological response due to chronic exposure to contaminants associated with offshore production activities." Louisiana State University, Baton Rouge, LA. October 27, 1995.
- Montagna, P.A. "Chronic effects of offshore oil and gas production on meiofauna." Ninth International Meiofauna Conference, Perpignan, France. July 3-7, 1995.
- Street, G.T. and Montagna, P.A. "Loss of mitochondrial DNA diversity in harpacticoid copepods due to contamination suggests sublethal impacts". Molecular Approaches to Marine Ecology and Evolution Symposium, Santa Fe, New Mexico, March 6-10, 1995.
- Montagna, P.A. and Green, "Replication and power to detect change at Gulf of Mexico oil and gas platforms." Benthic Ecology Meeting, New Brunswick, NJ, March 3-5, 1995.
- Green, R. and Montagna, P.A. "Study designs for replicated point sources." Benthic Ecology Meeting, New Brunswick, NJ, March 3-5, 1995.
- *Montagna, P. "Importance of freshwater inflow to benthos in Texas estuaries." Texas Christian University, Fort Worth, Texas. February 24, 1995.
- *Montagna, P. "The value of coastal bend estuarine habitats." Sea Gull Condominium Winter Texans Group, Port Aransas, Texas. February 14, 1995.
- *Montagna, P. "Fundamentals of Estuarine Ecology." Corpus Christi Bay National Estuary Program, Creating a Common Vision, the All Conference Workshop, Corpus Christi, Texas. February 3-4, 1995.
- *Montagna, P. "Mollusca of Texas estuaries." Corpus Christi Shell Club, Corpus Christi, Texas, November 22, 1994.
- *Montagna, P. "Meiofauna ecology at GOOMEX study sites." Minerals Management Service, Information Transfer Meeting, New Orleans, Louisiana. November 14-18, 1994.
- *Montagna, P.A. "GOOMEX: meiofauna communities." Information Transfer Meeting, U.S. Dept. Interior, Minerals Management Service. New Orleans, LA. December 14-16, 1993.
- *Montagna, P.A. "Benthic communities and dredging." Lower Laguna Madre Conference. Harlingen, Texas. November 20, 1993.
- *Montagna, P.A. "Relationship between climate, freshwater inflow, and benthos in Texas estuaries." Estuarine Research Federation Conference. Hilton Head, South Carolina. November 14-19, 1993.
- *Montagna, P.A., A.F. Amos, R. Benner, E.J. Buskey, K.H. Dunton, P.L. Parker, D. Stockwell, and T.E. Whitledge. "An ecosystem study of Laguna Madre, Texas." Estuarine Research Federation Conference. Hilton Head, South Carolina. November 14-19, 1993.
- *Montagna, P.A. "Life in the mud of Texas Bays." Dean's Scholars Workshop. Port Aransas, Texas. October 30, 1993.
- *Montagna, P.A. "Estuarine and Benthic Research." Minorities in Marine Science Workshop. Port Aransas, Texas. September 11, 1993.
- *Montagna, P.A. "The effect of the Texas brown tide on *Mulinia lateralis* populations and feeding." Harmful Phytoplankton and Shellfish Interactions Symposium. 85th Annual Meeting. National Shellfisheries Association. Portland, Oregon. May 30-June 3, 1993.
- *Montagna, P.A. "Marine meiofaunal microbivory." Benthic Microbial Food Webs Symposium. 93rd General Meeting, American Society for Microbiologists. Atlanta, Georgia. May 16-20, 1993.
- *Montagna, P.A. "Invertebrate inhabitants of estuaries." Climate, Creatures and Ecology of Texas' Coastal Bend; Elder Hostel Short Course. Port Aransas, Texas. March 22, 1993 and April 5, 1993.
- Montagna, P.A. and R.D. Kalke. Freshwater inflow effects on benthos in South Texas estuaries. South Texas Bays and Estuaries Meeting. The University of Texas Marine Science Institute, Port Aransas, Texas. March 19, 1993.
- *Montagna, P.A. and R.D. Kalke. Affect of freshwater inflow on benthos in Texas estuaries: a review. Conservation Symposium of Freshwater Inflows. Texas Academy of Sciences 96th Annual Meeting. University of North Texas, Denton, Texas. March 5, 1993.
- *Montagna, P.A. Benthic ecology. How the Laguna Madre Works Symposium. Lower Laguna Madre Foundation. South Padre Island, Texas. November 5-7, 1992.
- *Montagna, P.A. Estuarine benthic research. Minorities in Marine Science Workshop. Port Aransas, Texas. September 19, 1992.
- Montagna, P.A. Meiofaunal microbivory: a review. 8th International Meiofauna Conference. College Park, Maryland. August 10-14, 1992.
- Montagna, P.A. The effect of freshwater inflow on meiofauna in Texas estuaries. 8th International Meiofauna conference, College Park, Maryland. August 10-14, 1992.
- *Montagna, P.A. Current status of the Texas bays and estuaries: the effects of freshwater inflow on biological resources. Texas Environmental Coalition General Assembly, University of Houston, Texas. July 18, 1992.

- *Montagna, P.A. The value of Laguna Madre habitats. Texas Nature Conservancy presentation to American General Insurance, Co. Port Aransas, Texas. June 18, 1992.
- *Montagna, P.A. Careers in marine science. Career Day. Moody High School, Corpus Christi, Texas. April 30, 1992.
- *Montagna, P.A. Benthic ecology of Laguna Madre. Gulf Estuarine Research Society Meeting. Port Aransas, Texas. April 2-4, 1992.
- Street, G., R. Kalke, P.A. Montagna, P. Parker and R. Scalan. Temporal variability of carbon stable isotope ratios of benthos. 20th Annual Benthic Ecology Meeting. Newport, Rhode Island. March 26-29, 1992.
- Rewolinski, R.J., P.A. Montagna, R.D. Kalke and F. Copes. The effects of brown tide on marine macrobenthos. Sixth National Conference on Undergraduate Research. University of Minnesota, Minneapolis, Minnesota. March 26-28, 1992.
- *Montagna, P.A. Effects of Brown Tide on benthos. 4th Annual South Texas Bays and Estuaries Meeting. The University of Texas Marine Science Institute, Port Aransas, Texas. February 28, 1992.
- Montagna, P.A. and R.D. Kalke. Predicting long-term effects of freshwater inflow on macrobenthos in the Lavaca-Colorado and Guadalupe Estuaries, Texas. American Society of Limnology and Oceanography. Santa Fe, New Mexico. February 10-14, 1992.
- *Montagna, P.A. Research overview for The University of Texas at Austin, Marine Science Institute, Port Aransas, Texas. Information Transfer Meeting, Minerals Management Service. New Orleans, Louisiana. November 13-15, 1991.
- Koepfler, E.T., P.A. Montagna and R. Benner. Sediment pore-water DOC: relationships to biological and abiological parameters in a southern Texas estuary. Estuarine Research Federation, Biennial Meeting. San Francisco, California. November 10-14, 1991.
- Montagna, P.A. Relationship between climate, freshwater inflow, and benthos in Texas estuaries. Estuarine Research Federation, Biennial Meeting. San Francisco, California. November 10-14, 1991.
- *Montagna, P.A. Comprehensive study of the Laguna Madre. Lower Laguna Madre Foundation Workshop. South Padre Island, Texas. November 1-2, 1991.
- *Montagna, P.A. Estuarine and benthic ecology research. Minorities in Marine Science Workshop. The University of Texas Marine Science Institute. Port Aransas, Texas. September 21, 1991.
- *Montagna, P.A. Effect of Laguna Madre, Texas, brown tide on benthos. Brown Tide Symposium and Workshop. The University of Texas Marine Science Institute, Port Aransas, Texas. July 15-16, 1991. <http://hdl.handle.net/2152/46641>
- *Montagna, P.A. The influence of freshwater inflow on marine benthos. Oceans Week. Middle School, Port Aransas Independent School District, Port Aransas, Texas. May 17, 1991.
- *Montagna, P.A. Marine benthic biology. Oceanography Day. The University of Texas Marine Science Institute, Port Aransas, Texas. April 27, 1991.
- Webb, D. and P. Montagna. Degradation and burial of sedimented marine phytoplankton: is the meiofauna important? Marine Benthic Ecology Meeting. Williamsburg, Virginia. March 7-10, 1991.
- Koepfler, E. and P. Montagna. Bacterial production and abundance in seagrass beds and unvegetated sediments of Laguna Madre and Baffin Bay, Texas. Marine Benthic Ecology Meeting. Williamsburg, Virginia. March 7-10, 1991.
- Grote, D. and P. Montagna. Measurement of benthic-pelagic coupling: Part I. The effect of current flow on sediment-to-water fluxes of dissolved and particulate matter. Marine Benthic Ecology Meeting. Williamsburg, Virginia. March 7-10, 1991.
- Blanchard, G. and P. Montagna. Measurement of the benthic-pelagic coupling: Part II. The effect of microphytobenthos resuspension on water column productivity. Marine Benthic Ecology Meeting. Williamsburg, Virginia. March 7-10, 1991.
- Adameit, W.R., and P.A. Montagna. Diversity is affected by Gulf exchange and freshwater inflow in Texas estuaries. Marine Benthic Ecology Meeting. Williamsburg, Virginia. March 7-10, 1991.
- Montagna, P.A. A year of living dangerously: global affects on local disturbances. South Texas Bays and Estuaries Meeting. The University of Texas Marine Science Institute, Port Aransas, Texas. February 25, 1991.
- *Montagna, P.A. Sandy beaches and nearshore ecology. Texas State Aquarium Guide Training Program. Del Mar College, Corpus Christi, Texas. February 28, 1991.
- *Montagna, P.A. The importance of freshwater inflow to San Antonio Bay. Gulf Coast Conservation Association. San Antonio, Texas. January 24, 1991.
- Montagna, P.A. Freshwater inflow drives succession of benthos in Texas estuaries. American Society of Zoologists. San Antonio, Texas. December 27-30, 1990.
- *Montagna, P.A. The value of wetlands. South Texas Water Conference. Corpus Christi, Texas. September 15, 1990.

- Koepfler, E. and P.A. Montagna. Benthic bacterial production and trophic interactions in a southern Texas estuary. Benthic Ecology Meeting. Mobile, Alabama. March 29-April 1, 1990.
- Montagna, P.A., E. Koepfler, and G. Blanchard. On the measurement of meiofaunal grazing rates in estuarine sediments. Benthic Ecology Meeting. Mobile, Alabama. March 29-April 1, 1990.
- Montagna, P.A. The role of current flow, resuspension and macrofauna in metabolism and nutrient recycling in estuarine sediments. Benthic Ecology Meeting. Mobile, Alabama. March 29-April 1, 1990.
- Montagna, P.A. Spatial and temporal variability of meiofaunal communities in the central California continental shelf. Benthic Ecology Meeting. Mobile, Alabama. March 29-April 1, 1990. Mobile, Alabama.
- Webb, D. and P.A. Montagna. Reproductive patterns in three meiobenthic harpacticoid copepods from the Santa Maria Basin, California. Benthic Ecology Meeting. Mobile, Alabama. March 29-April 1, 1990.
- Kalke, R.D. and P.A. Montagna. A comparison of freshwater inflow effects on benthic communities in three Texas estuaries. 10th Biennial International Estuarine Research Federation Conference. Baltimore, Maryland. October 8-12, 1989.
- Montagna, P.A. Role of macroinfauna in metabolism and nutrient recycling in sediments of open bays and seagrass beds of the Laguna Madre, Texas. 10th Biennial International Estuarine Research Federation Conference. Baltimore, Maryland. October 8-12, 1989.
- *Montagna, P.A. Laguna Madre research project. Texas Oceanography in the 1990's: on course for the 21st Century. Texas A&M University, College Station, Texas. March 1989.
- *Montagna, P.A. Meiofaunal- microbial interactions in food chains and nutrient cycling. Seventh International Meiofauna Congress. Vienna, Austria. August 1989.
- *Montagna, P.A. Soft bottom meiofauna from the Santa Maria Basin. Minerals Management Service, Data Synthesis Workshop. Duxbury, Massachusetts. February 1989.
- Montagna, P.A. The role of turbidity, salinity and water movement on benthic oxygen consumption and production. Ocean Science Meeting. San Francisco, California. December 1988.
- *Montagna, P.A. GEM: a generic experimental method for the design and analysis of experiments. Ecological Society of American Meeting, Symposium on Quantitative Ecological Analysis. University of California, Davis, California. August 1988.
- *Montagna, P.A. Adaptation of marine organisms to natural petroleum exposure. University of Texas Marine Science Institute, Port Aransas, Texas. June 1988.
- *Montagna, P.A. Benthic ecology of a natural petroleum seep. Advisory Council Meeting. University of Texas Marine Science Institute, Port Aransas, Texas. May 1988.