JAMES P. DELGADO

Forty-four years of working to explore, locate, study and preserve history for the benefit of all people by encouraging public access, involvement, and appreciation.

EDUCATION

- ♦ Ph.D. (Archaeology), Simon Fraser University, Burnaby, British Columbia, 2006.
- ♦ M.A. History (Maritime History and Underwater Research), East Carolina University, Greenville, North Carolina, 1985.
- ◆ B.A. History (American History), San Francisco State University, San Francisco, California, magna cum laude, 1981.

EMPLOYMENT HISTORY

Senior Vice President, SEARCH, Inc., Jacksonville, Florida, May 2017-

- Member of the senior leadership team.
- Responsible for the scientific integrity of the company.
- Oversees international initiatives.
- Develops new business opportunities.
- Provides creative input and guidance.

Director of Maritime Heritage, Office of National Marine Sanctuaries, National Oceanic & Atmospheric Administration, Silver Spring, Maryland-October 2010-April 2017.

- Developed and implemented programs that interpreted and characterized maritime heritage resource in the sanctuary system.
- Designed and executed projects to locate and identify maritime heritage resources within and outside national marine sanctuaries.
- Promoted a wide application of program results through publications, presentations, or authoritative reports or policies.
- Managed the maritime heritage program and served as a senior member of the Office of National Marine Sanctuaries leadership team.
- Established policies on the protection of maritime heritage resources.
- Independently planned, developed, and implemented vital projects that have program, office, agency and/or government-wide scope.

EMPLOYMENT HISTORY cont'd

President & CEO, Institute of Nautical Archaeology, College Station, Texas and Bodrum, Turkey-July 2006 to September 2010.

- Senior executive solely responsible for development and implementation of INA's strategic plan and programs including survey, excavation and interpretation of nautical archaeological sites and other maritime heritage resources internationally.
- Oversaw as the senior executive all INA projects that identified and studied maritime heritage resources ranging from shipwrecks of antiquity to wrecks of the modern period, shipyards and maritime cultural landscapes.
- Promoted the wide application of INA's program results through publications, presentations, authoritative reports and advocacy, including serving as editor-in-chief of INA's scholarly INA Annual, the INA Quarterly, and the INA website.
- Solely managed the INA staff at the INA headquarters in College Station, TX and at the INA research center and laboratory in Bodrum, Turkey, coordinated the activities of the INA affiliated research associates, and coordinated and assisted with INA faculty and student projects globally, overseeing a budget of approximately \$2.4 million per year and approximately 200 individuals.
- Set policies for INA's international activities and research program.
- Independently planned, developed and implemented vital projects that had INA and at times international, nautical archaeological discipline-wide scope.

Executive Director, Vancouver Maritime Museum, Vancouver, British Columbia, Canada-April 1991 to June 2006.

 Senior executive responsible for development and implementation of the museum's strategic plan and programs including collections management, acquisition, preservation, exhibition and interpretation of a nationallysignificant museum collection of artifacts, fine art, historic vessels, and archives.

EMPLOYMENT HISTORY cont'd

Executive Director, Vancouver Maritime Museum, Vancouver, British Columbia, Canada-April 1991 to June 2006 cont'd

- Designed and executed museum projects that identified and studied maritime heritage resources ranging from shipwrecks, historic structures, and maritime cultural landscapes outside of the museum for collaborative assessment, study and interpretation in British Columbia, the Yukon and the Canadian Arctic.
- Promoted the wide application of the museum's research, preservation and exhibition results through publications, presentations, authoritative reports and advocacy, including serving as editor-in-chief of the museum's catalogs, books, newsletter, and website.
- Solely managed the museum staff and volunteers, overseeing a budget of approximately \$1.3 million per year and approximately 100 individuals.

Maritime Historian of the National Park Service and Head of the National Maritime Initiative, National Park Service, Washington, D.C.-March 1987 to April 1991.

- Developed and implemented programs that interpreted and characterize maritime heritage resources throughout the United States as the program head of the NPS maritime heritage program.
- Designed and executed projects to locate and identify maritime heritage resources within and outside of the National Park System. Created and executed the first national inventory of maritime heritage resources in the United States.
- Promoted wide application of program results through publications, presentations, or authoritative reports or policy analyses.
- Managed the maritime heritage program research group, and served as a senior member of the History Division of the National Park Service.
- Provided policy advice to agency leadership on the protection of maritime heritage resources.
- Planned, developed and implemented vital projects that had disciplinewide scope such as nominating resources to the National Register of Historic Places, guidelines for historic vessel preservation and restoration projects.
- Managed the NPS maritime heritage program, overseeing a budget of \$375,000 per year and four individuals.

EMPLOYMENT HISTORY cont'd

Historian, United States Department of the Interior, National Park Service, Golden Gate National Recreation Area, San Francisco, California-June 1979-March 1987.

- Conducted and oversaw historical research for a 70,000-acre national park with diverse units including Alcatraz, portions of the Presidio of San Francisco, and the National Maritime Museum, San Francisco.
- Researched and prepared National Register of Historic Places nominations and National Historic Landmark studies for significant sites in the park.
- Actively participated in the restoration of sites such as Alcatraz, the Cliff House, Sutro Heights, seacoast defense batteries, and Aquatic Park.
- Key member of the Division of Resources Management and Planning for the park.
- Provided guidance for accuracy in historical interpretation. Was the key player in working with the Bureau of Prisons and former inmates to provide accurate, balanced interpretation of Alcatraz.
- Actively participated in historical archaeological work in the park, including creating a maritime archaeology research program.

Assistant to the Regional Historian, United States Department of the Interior, National Park Service, Western Regional Office, San Francisco, California-May 1978 to June 1979.

- Conducted research and prepared National Register of Historic Places nominations for sites throughout the region, with a special emphasis on the historic maritime resources in the Golden Gate National Recreation Area.
- Served as a member of the Division of Cultural Resources Management, working closely with the Regional Historian, Regional Historical Architect, and the Regional Archaeologist.

Curator, Roberto Adobe, San Jose, California-1977-1978.

• Managed and interpreted a privately owned 1835-1847 historic house museum, developing and supervising volunteer docent-led tours.

EMPLOYMENT HISTORY cont'd

Assistant Curator, New Almaden Museum, New Almaden, California-1973-1977.

• Assisted the founding curator/ owner of a small, privately owned museum specializing in mercury mining, local Native American culture and local history in exhibition maintenance and led tours.

PART-TIME EMPLOYMENT

- Adjunct Professor, Department of Archaeology, Simon Fraser University, Burnaby, British Columbia, 2006-present.
- Adjunct Professor, University of Rhode Island, Graduate School of Oceanography, 2012- 2013.
- ♦ Host, "The Sea Hunters", National Geographic Television Series, 2000-2006.
- ♦ Monthly Columnist, <u>Harbour & Shipping Magazine</u>, Vancouver, 1997-1999.
- Instructor, University of British Columbia, School of Continuing Education, 1994-1999.
- ♦ Instructor, East Carolina University, Department of History, Fall 1985.
- ♦ Instructor, California Academy of Sciences, San Francisco, 1984, 1986-1987.
- Instructor, San Francisco State University, Department of Anthropology, Summer 1984.
- Instructor, San Francisco State University, Department of Humanities, 1983-1984, 1986-1987.

AWARDS

NOAA Administrator's Award for the location, identification and protection of the U.S. Navy Tugboat USS Conestoga, 2016

NOAA Administrator's Award for the "Lost Weathermen" of USCGC Muskeget Purple Heart Medal Project, 2016

National Ocean Service Peer Recognition and Rafting Award, 2016

Exemplary Service Award "for keeping alive the memories held by the sea," from the U.S. Coast and Geodetic Survey Historical Society, 2015.

NOAA ONMS Team of the Year with Robert Schwemmer for Maritime Heritage Program activities in the Western Region of the NMS System, 2015.

NOAA Bronze Medal for the commemoration of the 150th anniversary of the loss of the ironclad USS Monitor and for the reburial of the Monitor crew at Arlington National Cemetery, 2014.

NOAA Administrator's Award for the location, identification and protection of the Coast Survey steamship Robert J. Walker, 2014.

NOAA Office of General Counsel Award for "exceptional leadership of NOAA's Maritime Heritage Program in advancing the agency's objective of studying, protecting, and promoting our nation's maritime cultural heritage," 2014.

Officer of the Order of Civil Merit, Knight's Cross by his Majesty Juan Carlos I, King of Spain, for services rendered to Spain for the protection of Spanish underwater cultural heritage while President and CEO of the Institute of Nautical Archaeology in the matter of the wreck of the frigate Nuestra Señora de las Mercedes, 2014.

East Side Union High School District, Thomas P. Ryan Hall of Fame, established to publicize and honor the outstanding achievement of graduates of East Side Union High Schools, 2013.

John Lyman Book Award (Honorable Mention) for Misadventures of a Civil War Submarine: Iron, Guns, and Pearls, 2012.

AWARDS cont'd

Stefansson Medal for Outstanding Contributions to the cause of exploration and/or field sciences in Canada or internationally by exceptionally meritorious Canadian members of the Explorers Club, 2012.

Outstanding Academic Title for Nuclear Dawn: The Atomic Bomb From the Manhattan Project to the Cold War by Choice, the Current Review for Academic Libraries, 2011

James Deetz Award for Khubilai Khan's Lost Fleet: In Search of a Legendary Armada, from the Society of Historical Archaeology, 2011.

City of Vancouver Book Prize for Best Book Published on the City of Vancouver, for Waterfront: The Illustrated Maritime Story of Greater Vancouver, 2006.

Bill Duthie Bookseller's Choice Award for Best Book Published in British Columbia, for Waterfront: The Illustrated Maritime Story of Greater Vancouver, BC Book Prizes, 2006.

Naval History Author of the Year, US Naval Institute, 2003.

John Lyman Book Award, for Across the Top of The World: The Quest for the Northwest Passage, from North American Society for Oceanic History, 1999.

Distinguished Public Service Award, South Street Seaport Museum, New York, New York. Awarded to the National Maritime Initiative, 1989.

Special Achievement Award for Sustained Superior Achievement, National Park Service, 1987.

Annual Prize Essay Contest in American Maritime History, Marine Historical Association, Mystic, Connecticut, for the article "Murder Most Foul: San Francisco Reacts to the Loss of the S.S. Central America," 1983.

PUBLIC AND PROFESSIONAL SERVICE

- ◆ Trustee (Governor's Appointment) Maryland Heritage Trust, 2012-2017.
- Member of the Site Preservation Committee, Archaeological Institute of America, 2011-Present.

PUBLIC AND PROFESSIONAL SERVICE cont'd

- Director, RPM Nautical Foundation, 2009-Present.
- Editorial Board Member, Archaeology Magazine, 2007-Present.
- Director, The Explorers' Club, New York, 2013-2015.
- Co-Chair, Underwater Archaeology Subcommittee, Archaeological Institute of America, 2007-2011.
- ♦ Nominations Committee, National Council on Public History, 2000-2004.
- ♦ Nominations Committee, Register of Professional Archaeologists, 2000-2004.
- President, Council of American Maritime Museums, 1999-2001.
- ♦ Trustee, Option Youth Society, Vancouver, 1998-1999.
- Executive Council Member, International Congress of Maritime Museums, 1997-2001.
- Editorial Board Member, Journal of Field Archaeology, 1996-2002.
- Editorial Board Member, The American Neptune, 1996-2002.
- ♦ Vice-President, Council of American Maritime Museums, 1996-1999.
- ◆ Friends of HMCS Vancouver, Canadian Forces (Navy), 1993-2006.
- ♦ Judge, BC-Yukon Community Newspaper Association Awards, 1993-2004.
- ♦ Board Member, Council of American Maritime Museums, 1992-1994.
- Member, ICOMOS Committee on the International Underwater Cultural Heritage, 1991-2002.
- ♦ Founding Board Member, National Maritime Alliance, 1990-1992.
- Member, Mayor's Blue-Ribbon Commission for a San Francisco Historical Museum, 1982.

PUBLIC AND PROFESSIONAL SERVICE cont'd

- Commissioner, San José Historical Landmarks Commission, 1976-1978.
- Commissioner, San José Bicentennial Commission, 1974-1975.
- Liaison, San José Youth Commission to the San Jose Historical Landmarks Commission, 1973-1974.

ACCREDITATION / FELLOWSHIPS

- ♦ Fellow of the Royal Canadian Geographical Society, Ottawa.
- ♦ Fellow of the Royal Geographical Society, London.
- ♦ Fellow of the Explorers' Club, New York.
- ♦ Registered Professional Archaeologist.

BOOKS

- <u>The Lost Submarines of Pearl Harbor</u>. (With Terry Kerby, Steven Price, Hans K. Van Tilburg and Russell Matthews). College Station: Texas A&M University Press, 2016.
- <u>The Maritime Landscape of the Isthmus of Panama</u> (With Tomas Mendizabal, Frederick Hanselmann, and Dominique Rissolo). Gainesville: University Press of Florida, 2016.
- ♦ <u>Misadventures of a Civil War Submarine: Iron, Guns and Pearls</u>. College Station: Texas A&M University Press, 2012.
- ♦ <u>Silent Killers: The History and Archaeology of the Submarine</u>. Oxford and New York: Osprey Publishing, 2011.
- ♦ <u>Kamikaze: History's Greatest Naval Disaster.</u> London: Vintage Books, 2010 [Paperback Re-Release of <u>Khubilai Khan's Lost Fleet</u>].
- ♦ <u>Across the Top of the World: The Quest for the Northwest Passage</u>. Vancouver and Toronto: Douglas & McIntyre, 2009 [Revised (paperback) edition].
- ♦ <u>Nuclear Dawn: The Atomic Bomb From the Manhattan Project to the Cold War.</u> Oxford and New York: Osprey Publishing, 2009.
- ♦ Gold Rush Port: The Maritime Archaeology of the San Francisco Waterfront. Berkeley, Los Angeles and London: University of California Press, 2009.
- ♦ <u>Khubilai Khan's Lost Fleet: In Search of a Legendary Armada</u>. California: University of California Press, 2009.
- ♦ <u>Khubilai Khan's Lost Fleet: In Search of a Legendary Armada</u>. Vancouver and Toronto: Douglas & McIntyre, 2008.
- ♦ <u>Waterfront: An Illustrated Maritime History of Greater Vancouver</u>. Vancouver: Stanton Atkins Dosil Publishers, 2005.
- <u>Adventures of a Sea Hunter</u>. (Vancouver, Toronto and Berkeley: Douglas and McIntyre, 2004)
- ♦ <u>Arctic Workhorse: The RCMP Schooner St. Roch</u>. Victoria: Horsdal and Schubart/Heritage House, 2003.

BOOKS cont'd

- ♦ <u>Racers and Rovers: 100 Years of the Royal Vancouver Yacht Club</u>. Vancouver and Toronto: Douglas and McIntyre, 2003.
- ◆ <u>USS Arizona: Ship and Symbol</u> (with Joy Jasper and James Adams). New York: St. Martins Press, 2001. Second Edition (paper) 2003.
- ◆ <u>Beaver: The Hudson's Bay Company's 1835 Steam Ship</u> (with John McKay and Leonard G. McCann). Toronto: Vanwell Press, 2001.
- The British Museum Encyclopaedia of Underwater and Maritime Archaeology. London: British Museum Press, 1997. Second Edition (paper) 2001.
- Lost Warships: An Archaeological Tour of War at Sea. Vancouver and Toronto: Douglas and McIntyre / New York: Facts on File/London: Conway Maritime Press, 2001.
- ♦ <u>Across the Top of the World: The Quest for the Northwest Passage</u>. Vancouver and Toronto: Douglas and McIntyre/New York: Facts on File/London: British Museum Press, 1999.
- Encyclopaedia of Underwater and Maritime Archaeology. New Haven and London: Yale University Press, 1998.
- ♦ <u>Made for Ice: The Wreck of the Polar Ship Maud</u>. Vancouver: Vancouver Maritime Museum/Underwater Archaeological Society of British Columbia, 1997.
- ◆ <u>To California By Sea: A Maritime History of the California Gold Rush</u>. Columbia: University of South Carolina Press, 1990. Second edition (paper) 1996.
- ♦ <u>Ghost Fleet: The Sunken Ships of Bikini Atoll</u>. Honolulu: University of Hawaii Press, 1996.
- ♦ <u>Beaver: First Steamship on the West Coast</u>. Victoria, B.C.: Horsdal and Schubart, 1993.
- ♦ <u>Dauntless St. Roch: The Mounties' Arctic Schooner</u>. Victoria, B.C.: Horsdal and Schubart, 1992.
- ♦ <u>Alcatraz Island</u>. San Francisco: Golden Gate National Parks Association, 1991.

BOOKS cont'd

- ♦ <u>Great American Ships</u> (with J. Candace Clifford). Washington, D.C.: Preservation Press, 1991. Second Edition, 1996.
- <u>Pearl Harbor Recalled: New Images of the Day of Infamy</u> (with Tom Freeman) Annapolis: Naval Institute Press, 1991.
- ♦ <u>National Parks of America</u>. New York: Crescent Books, 1990.
- ♦ (With Stephen A. Haller) <u>Shipwrecks at the Golden Gate</u>. San Francisco: Lexicos, 1989.
- ♦ (Editor) Proceedings of the Annual Conference on Historical Archaeology, <u>Reno, Nevada</u>. Ann Arbor: Society for Historical Archaeology, 1988.
- (Editor) <u>The Log of the Apollo: Joseph Perkins Beach's Log of the Voyage of</u> <u>the Ship Apollo from New York to San Francisco, 1849</u>. San Francisco: Book Club of California, 1986.
- ♦ <u>Alcatraz Island: The Story Behind the Scenery</u>. Las Vegas: KC Publications, 1985.
- ♦ <u>Witness to Empire: Antonio Maria Suñol</u>. San Jose: Sourisseau Academy for California State and Local History, 1984.
- ♦ How California Adobes Were Built in the 1830s: A Simple Guide to a Lost Art. (with Christopher C. Wade). San Jose: Smith-McKay, 1977.
- Sombras de la Noche: The Agustin Bernal Adobe, Its Inhabitants and Heritage. San Jose: Smith-McKay, 1976.

CHILDREN'S BOOKS

- <u>Shipwrecks: Native American Craft</u>; Danbury, Connecticut, Franklin Watts, 2000.
- <u>Shipwrecks: The Westward Movement</u>; Danbury, Connecticut, Franklin Watts, 2000.
- ♦ <u>Shipwrecks: American Warships</u>, Danbury, Connecticut, Franklin Watts, 2000.

INTRODUCTIONS, FOREWORDS AND CHAPTERS IN BOOKS

- ◆ "The Archaeology of San Francisco's Gold Rush Waterfront, 1849-1851: Building a New Model of the 19th-Century Pacific Rim Maritime 'Frontier,'" In Mark Warner and Margaret Purser, Historical Archaeology Through a Western Lens. Lincoln: University of Nebraska Press and the Society for Historical Archaeology.
- "Conclusions/Discussion" in Alicia Caporaso, ed., <u>Formation Processes of</u> <u>Maritime Archaeological Landscapes</u>. New York: Springer, 2017.
- "Pacific Graveyard: Adaptive Reuse, Recycling and Abandonment in San Francisco's Maritime Graveyards, 1849-1959," In Nathan Richards and Sami Seeb, eds. <u>The Archaeology of Watercraft Abandonment</u>. New York: Springer, 2013.
- ♦ Foreword to John D. Broadwater, <u>USS Monitor: A Historic Ship Completes Its</u> <u>Final Voyage</u> College Station: Texas A&M University Press, 2012.
- (With Frederick Hanselmann and Dominique Rissolo) "The Richest River in the World: The Maritime Cultural Landscape of the Mouth of the Rio Chagres, Republica de Panama," in Ben Ford, ed., <u>The Archaeology of Maritime</u> <u>Landscapes</u>. New York: Springer, 2011.
- ◆ "Buried Ships," in Alexis Catsambis, Ben Ford and Donny L. Hamilton, eds. <u>The</u> <u>Oxford Handbook of Maritime Archaeology</u>. Oxford and New York: Oxford University Press, 2011.
- (with Frederick Hanselmann and Dominique Rissolo) "The Maritime Cultural Landscape of the Chagres River, Panama: A Preliminary Survey of More Than 500 Years of Maritime Activity," in Erika Laanela and Jonathan Moore, eds. <u>ACUA Underwater Archaeology Proceedings, 2009</u>. Columbus, Ohio: PAST Foundation, 2010.
- (with Randall J. Sasaki and Kenzo Hayashida) "The Lost Fleet of Kublai Khan: Mongol Invasions of Japan" in William W. Fitzhugh, Morris Rossabi and William Honeychurch, eds. <u>Genghis Khan and the Mongol Empire</u>. Seattle: Dino Don, Inc., The Mongolian Preservation Foundation, and Arctic Studies Center, Smithsonian Institution, 2009.

INTRODUCTIONS, FOREWORDS AND CHAPTERS IN BOOKS cont'd

- "Titanic, Hollywood and Shipwrecks," in Julie M. Schlabitsky (Editor) <u>Box Office</u> <u>Archaeology Refining Hollywood's Portrayals of the Past</u>. Walnut Creek, California: Left Coast Press, 2007.
- "Eastern Pacific," in John B. Hattendorf (Editor) <u>The Oxford Encyclopedia of</u> <u>Maritime History</u>. New York: Oxford University Press, 2007.
- (with Daniel Lenihan, Gary Cummins, David Clark and Lu Ann De Cunzo) "A Global Contest: World War II," in Lu Ann De Cunzo and John H. Jameson Jr. (Editors) <u>Unlocking the Past: Celebrating Historical Archaeology in North</u> <u>America</u>. Gainesville, Tallahassee, Tampa, Boca Raton, Pensacola, Orlando, Miami, Jacksonville, Ft. Myers: University Press of Florida, 2005.
- (with Steven Acheson) "Ships for the Taking: Culture Contact and the Maritime Fur Trade On the Northwest Coast of America," in Tim Murray (Editor) <u>The</u> <u>Archaeology of Contact in Settler Societies</u>. Cambridge, New York, Port Melbourne, Madrid and Cape Town: Cambridge University Press, 2004.
- Entries on Roald Amundsen, steamship Beaver, RMS Titanic, RCMP St. Roch and Henry Hudson, in Gerald E. Hallowell (Editor) <u>The Oxford Companion to</u> <u>Canadian History</u>. London and New York: Oxford University Press, 2004.
- "From the Deep: The Archaeology of the Sailing Ship: Reports from the Field, 2002-2003," in Nicholas Tracy and Martin Robson (Editors) <u>The Age of Sail:</u> <u>The International Annual of the Historic Sailing Ship, Volume 2</u>. London: Conway Maritime Press, 2003.
- "Sidewheel Steamships on the Strait: The Pacific Mail Steamship Company's Depot at Benicia, 1850-1869," in David Hull (Editor) <u>Up the River: Steam</u> <u>Navigation above Carquinez Strait</u>. San Francisco: The Book Club of California, 2003.
- "A Year of Archaeological Discoveries," in Nicholas Tracy (Editor) <u>The Age of Sail: The International Annual of the Historic Sailing Ship, Volume 1</u>. London: Conway Maritime Press, 2002.
- Introduction to John Franklin, <u>A Journey to the Polar Sea</u>, London: Conway Maritime Press, 2000.

INTRODUCTIONS, FOREWORDS AND CHAPTERS IN BOOKS cont'd

- Biographical entries for William Henry Aspinwall and John McLoughlin, in <u>American National Biography</u>. Cary, North Carolina: Oxford University Press, 1999.
- "Wreck Site of the U.S. Brig <u>Somers</u>," in Mensun Bound (Editor) <u>Excavating of</u> <u>Ships of War</u>. Ostwestry, Shropshire, International Maritime Archaeology Series, Anthony Nelson, 1998.
- "Shipwrecks as World Heritage Sites," in Henderson, <u>Indian Ocean Week 1997</u> <u>Proceedings</u>.
- "Avocational Archaeologists and Maritime Museums: A Case Study from British Columbia," in Graeme Henderson, (Editor) <u>Indian Ocean Week 1997</u> <u>Proceedings</u>, Freemantle, Western Australian Maritime Museum, 1998.
- (With Allen G. Pastron, Eugene M. Hattori, and Michael R. Walsh), "Some Observations and Concluding Remarks: The Hoff Store Site," in Allen G. Pastron and Eugene M. Hattori (Editors), <u>The Hoff Store Site and Gold Rush</u> <u>Merchandise from San Francisco, California</u>. Ann Arbor: Society for Historical Archaeology, 1990.
- (With Allen G. Pastron and Eugene M. Hattori) "Civilian and Military Armament and Accoutrements from the Hoff Store Site," in Allen G. Pastron and Eugene M. Hattori (Editors), <u>The Hoff Store Site and Gold Rush Merchandise from San</u> <u>Francisco, California</u>. Ann Arbor: Society for Historical Archaeology, 1990.
- "Ships Were Constantly Arriving: The Hoff Store Site and the Business of Maritime Supply and Demand in Gold Rush San Francisco," in Allen G. Pastron and Eugene M. Hattori (Editors), <u>The Hoff Store Site and Gold Rush</u> <u>Merchandise from San Francisco, California</u>. Ann Arbor: Society for Historical Archaeology, 1990.
- ♦ Foreword to Paul Ditzel, <u>Fireboats: A Complete History of the Development of Fireboats in America</u>. New Albany, Indiana: Conway Enterprises, Inc., 1989.
- ♦ Foreword to William N. Still, Jr. <u>Monitor Builders: Builders of the USS Monitor</u>. Washington, D.C.: Government Printing Office, 1989.

INTRODUCTIONS, FOREWORDS AND CHAPTERS IN BOOKS cont'd

- "A Symbol of the People: Assessing the Significance of the USS Monitor," in Lee J. Cox and Michael A. Jehle (Editors) <u>Ironclad Intruder, USS Monitor</u>. Philadelphia: Philadelphia Maritime Museum, 1988.
- Chapters 1, 2 and contributions to Chapter 3 in Jay Waldron Murphy (Editor) <u>Historic Shipwrecks: Issues in Management</u>. Washington, D.C.: Partners for Livable Places, 1988.
- "Skeleton in the Sand: Documentation of the Environmentally Exposed 1856 Ship King Philip," in Paul F. Johnston, ed. <u>Proceedings of the Sixteenth Annual</u> <u>Conference on Historical Archaeology</u>. Ann Arbor: Society for Historical Archaeology, 1985.
- Foreword to Steven Levingston, <u>San Francisco's Historic Ships</u>. San Francisco: Chronicle Books, 1984.
- ♦ Introduction to Fred Stocking, <u>How We Gave Tennessee Cove a Name</u>. San Francisco: Golden Gate National Park Service, 1984.
- "Shipwreck Archaeology in California: New Discoveries, New Directions," in <u>Proceedings of the Joint Workshop New Frontiers</u>. Santa Cruz: California State Park Rangers Association, Park Rangers Association of California, and the Western Interpreters' Association, 1984.
- "Underwater Archaeological Investigations of Gold Rush Era Steamships on the California Coast," in <u>Proceedings of the First Biennial Conference on</u> <u>Scientific Research in California's National Parks</u>. Davis: University of California Co-operative Parks Studies Unit/National Park Service, 1983.

ARTICLES

(With Michael L. Brennan, Jan Roletto, Frank Cantelas, Russell Mathews, Kelly Elliott, Kai Vetter, Christopher Figueroa, Megan Lickliter-Mundon, Robert V. Schwemmer), "Exploration and Mapping of USS independence,","
 <u>Oceanography</u>, Vol. 30, No. 1, Supplement, March 2017, pp. 34-35.

- (With Jan Roletto, Michael L. Brennan, Gary Williams, Christina Piotrowski, Guy Cochrane, Jamie Wagner, Ashley Marranzino, and Robert V. Schwemmer), "Mapping and Exploration of Deep-sea Corals and Shipwrecks in the Greater Farallones National Marine Sanctuary,"," <u>Oceanography</u>, Vol. 30, No. 1, Supplement, March 2017, pp. 32-33.
- (With Frank Cantelas, Lisa J. Symons, Michael L. Brennan, Deanna Bergondo, Richard Sanders, Evan Reger, Donald L. Johnson, Jacques Marc, Robert V. Schwemmer, Lea Edgar, and Duncan MacLeod), "Exploration of S/S Coast Trader,"," <u>Oceanography</u>, Vol. 30, No. 1, Supplement, March 2017, p. 31.
- (With Mitchell Tartt, Mathew Stout, Katie Wagner and Sarah Marquis), "The Value of Marine Protected Areas to the Nation," <u>Oceanography</u>, Vol. 30, No. 1, Supplement, March 2017, pp. 2-3.
- (With Bradley W. Barr, Matthew S. Lawrence, and Hans K. Van Tilburg), "The Search for the 1871 Whaling Fleet of the Western Arctic: writing the final chapter," The <u>International Journal of Nautical Archaeology</u>, 46 (1), March 2017, pp. 149-163.
- ◆ "Arctic Shipwrecks," Wreck Diving Magazine, 39 (2016), pp. 28-41.
- "Missing and Presumed Lost," <u>Naval History</u>, Vol. XXX (No. 4), August 2016, pp. 57-61.
- (With Hans K. Van Tilburg, Bruce G. Terrell, Deborah Marx, Catherine Marzin, Steve Gittings, William Kiene, Valerie Grussing and Pamela Orlando), "How NOAA's Office of National Marine Sanctuaries Engages the Public in the Oceans Through the Science and Management of Maritime Heritage," <u>Aquatic</u> <u>Conservation: Marine and Freshwater Ecosystems</u>, Vol. 26 (Supp. 2), 2016, pp. 200-212.
- (With Kelley Elliott, Frank Cantelas and Robert V. Schwemmer), "Initial Archaeological Survey of the ex-USS Independence (CVL-22)," <u>Journal of</u> <u>Maritime Archaeology</u>, Vol. 11 (No. 1), Spring 2016, pp. 9-24.
- "After Crossroads: The Fate of the Atomic Bomb Target Fleet." <u>Journal of</u> <u>Maritime Archaeology</u>, Vol. 11 (No. 1), Spring 2016, pp. 25-31

- "The Atomic Bomb, Operation Crossroads, the Cold War and Cold War Naval Archaeology: A Suggested Reading List," <u>Journal of Maritime Archaeology</u>, Vol. 11 (No. 1), Spring 2016, pp. 22-24.
- * "Public and Private Partnership: NOAA and Volunteer Divers Explore America's Historic Shipwrecks," <u>Dive Training</u>, Vol. 26, No. 2, February 2016, pp. 20-29.
- "Maritime Archaeology in the 21st Century," <u>Sea History</u>, No. 153, Winter 2015-16, pp. 16-23.
- ◆ "Voyage of Rediscovery," Naval History, Vol. 28 (No. 2), April 2014.
- "Loss of the Steamship Pacific," <u>Canadian Literature</u>, 218, Autumn 2013, pp. 195-197.
- "The Lost Men of the Monitor," <u>Naval History</u>, Vol. 27, No. 3, June 2013.
- (With Eleni Beneki and Anastasia Filippoupoliti), "Editorial: Memory in the maritime museum: objects, narrative, identity," <u>International Journal of</u> <u>Heritage Studies</u>, Vol. 18, No. 4, July 2012, pp. 347-351.
- Guest Editor (with Eleni Beneki and Anastasia Filippoupoliti), "Memory in the maritime museum: objects, narrative, identity," <u>International Journal of</u> <u>Heritage Studies</u>, Vol. 18, No. 4, July 2012.
- "Archaeology of Titanic," <u>Archaeology Magazine</u>, Vol.66, No. 3, May/June 2012, pp. 34-41.
- (With Albert E. Theberge), "Understanding the Unthinkable: The Titanic Disaster and Its Aftermath," <u>Hydro International</u>, Vol. 16, No. 2, March/April 2012, pp. 64-67, 69.
- "Letter from Bermuda: Secrets of a Civil War Shipwreck," <u>Archaeology</u> <u>Magazine</u>, Vol. 64, No. 6, November/December 2011, pp. 48-62.
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- (With Philippe Rouja, Dominique Rissolo, Rhonda K. Robichaud, David Pybus, Tane Casserley, Isabelle Ramsay-Brackstone, Jean-Claude Delville, Lionel Nesbitt, and Wayne Lusardi, <u>Archaeological Excavation Of The Forepeak Of the</u> <u>Civil War Blockade Runner Mary Celestia, Southampton, Bermuda</u>, Silver Spring, MD, NOAA's Office of National Marine Sanctuaries, 2016.
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GOVERNMENT PUBLICATIONS AND WRITING cont'd

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GOVERNMENT PUBLICATIONS AND WRITING cont'd

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GOVERNMENT PUBLICATIONS AND WRITING cont'd

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NATIONAL HISTORIC LANDMARK STUDIES

- *Indicates that the property was designated or listed
- ♦ Aquatic Park Historic District, San Francisco *
- ♦ Schooner Adventuress, Seattle *
- ♦ Scow Schooner Alma (With Kevin J. Foster) San Francisco *
- ♦ Schooner American Eagle, Rockland, Maine *
- ♦ USS Arizona, Pearl Harbor *
- ♦ Tug Arthur Foss, Seattle *
- ♦ Sailing Ship Balclutha, San Francisco *
- ♦ USS Barry, Washington, DC
- ♦ Ferry Berkeley, San Diego *
- ♦ Schooner Bowdoin, Castine, Maine *
- ♦ Oyster Sloop Christeen, Essex, Connecticut *
- ◆ Tug/Fireboat City of Oakland/USS Hoga, Oakland, California *
- ♦ USS Clamagore, Patriot's Point, South Carolina *
- ♦ Fireboat Deluge, New Orleans *
- ♦ Fireboat Duwamish, Seattle *
- ♦ USS Edson, New York, New York *
- ♦ Fireboat Edward M. Cotter, Buffalo, New York *
- ♦ Bark Elissa, Galveston *
- Schooner Ernestina, New Bedford, Massachusetts *
- ♦ Four-Masted Ship Falls of Clyde, Honolulu *
- ♦ Fireboat Fireboat No. 1, Tacoma, Washington *
- ♦ Fireboat Firefighter, New York, New York *
- ♦ Icebreaker USS Glacier (USCG Glacier), Benicia, California
- ♦ Schooner Governor Stone, Apalachicola, Florida *
- ♦ Japanese Midget Submarine HA-19, Fredericksburg, Texas *
- ♦ Lou Henry Hoover House, Stanford, California *
- ♦ USS Hornet, Bremerton, Washington *
- ♦ USCGC Ingham, Patriot's Point, South Carolina *

NATIONAL HISTORIC LANDMARK STUDIES cont'd

- Schooner Isaac H. Evans, Rockland, Maine *
- ♦ Schooner J. and E. Riggin, Rockland, Maine *
- ♦ Four-Masted Schooner La Merced, Anacortes, Washington
- ♦ Victory Ship Lane Victory, San Pedro, California *
- Schooner Lewis R. French, Rockland, Maine *
- ♦ Aircraft Carrier USS Lexington, Corpus Christi, Texas *
- ◆ Tug Nash, Buffalo, New York *
- Presidential Yacht USS Potomac, Oakland, California *
- ♦ Fireboat Ralph J. Scott, San Pedro, California *
- Presidential Yacht USS Sequoia, Washington, DC *
- ♦ Steamer Sergeant Floyd (With Kevin J. Foster). Sioux City, Iowa *
- ♦ USS Utah, Pearl Harbor *
- ♦ Excursion Steamer Virginia V, Seattle, Washington *
- Snagboat W.T. Preston, Anacortes, Washington *
- ♦ Steam Schooner Wapama, Sausalito, California *
- Presidential Yacht USS Williamsburg, Washington, DC
- ♦ Lightship No. 83 "Relief" Seattle *
- ♦ Lightship No. 103, "Huron," Port Huron, Michigan *
- ♦ Lightship No. 112, "Nantucket," Portland, Maine *
- ♦ Lightship No. 116, "Chesapeake," Baltimore, Maryland *
- ♦ Lightship WAL-604, "Columbia," Astoria, Oregon *
- ♦ Lightship WAL-605, "Relief," Oakland, California *
- Lowell's Boat Shop, Amesbury, Massachusetts *
- ♦ Motor Torpedo Boat PT-617, Fall River, Massachusetts *
- ♦ Point Reyes Motor Lifeboat Station, Point Reyes, California *
- ♦ Warm Mineral Springs (With W.A. Cockrell), Sarasota, Florida

NATIONAL REGISTER OF HISTORIC PLACES NOMINATIONS

*Indicates that the property was designated or listed

- ♦ Adolph Sutro Historic District, San Francisco
- ♦ Storeship Apollo, San Francisco *
- ♦ Aquatic Park, San Francisco *
- ♦ California Fruit Canners Association Warehouse, San Francisco *
- ♦ Camera Obscura, San Francisco
- ♦ Hacienda and Headquarters, Rancho de Santa Teresa, San Jose
- ♦ Matthew Turner/ James Robertson Shipyard, Benicia, California *
- ♦ Olema Valley Ranches Historic District, Point Reyes, Marin County, California *
- ♦ Pacific Mail Steamship Co. Depot and Shops, Benicia
- ♦ Point Bonita Lifeboat Station, Marin County

NATIONAL REGISTER OF HISTORIC PLACES NOMINATIONS cont'd

- ♦ Point Bonita Light, Marin County *
- ♦ Point Lobos Marine Lookout Station, San Francisco *
- ♦ Point Reyes Light, Point Reyes *
- Point Reyes Motor Lifeboat Station, Point Reyes *
- Redwood Highway (U.S. 1) Eureka, California *
- ♦ Sarah Seaver Randall House, Olema, California *
- ♦ Schooner C.A. Thayer, San Francisco, California*
- ♦ Shipwreck Site and Remains, SS Brother Jonathan, Crescent City, California*
- Shipwreck Site and Remains, Charles H. Spencer, Lees Ferry, Arizona (with Toni Carrell) *
- ♦ Shipwreck Site and Remains, Steamship City of Rio de Janeiro, San Francisco *
- Shipwreck Site and Remains, Dixie Arrow, off North Carolina (with Deborah Marx)*
- Shipwreck Site and Remains, E.M. Clark, off North Carolina (with Deborah Marx)*
- Shipwreck Site and Remains, Empire Gem, off North Carolina (with Deborah Marx)*
- ♦ Sidewheel Tug Eppleton Hall, San Francisco
- ♦ Shipwreck Site and Remains, Frolic, Caspar, California *
- ♦ Storeship General Harrison, San Francisco
- Shipwreck Site and Remains, Goldenhorn, Santa Rosa Island, California
- Shipwreck Site and Remains, Isabella, Ilwaco, Washington *
- Shipwreck Site and Remains, J Street Wreck, Sacramento *
- ♦ Shipwreck Site and Remains, Lancing, off North Carolina (with Deborah Marx)*
- ♦ Houseboat Lewis Ark, San Francisco *
- Shipwreck Site and Remains, King Philip/Reporter, San Francisco *
- ♦ Storeship Niantic Remains, San Francisco *
- Shipwreck Site and Remains, Steamship Robert J. Walker off New Jersey (with Deborah Marx)*
- Shipwreck Site and Remains, Manila Galleon San Agustin, Point Reyes, California *
- Shipwreck Remains, Stamboul, Benicia *
- ♦ Clipper Ship Snow Squall, Falkland Islands
- Shipwreck Site and Remains, SS Tennessee, Marin County *
- ♦ Storeship William Gray, San Francisco *
- Shipwreck Site and Remains, SS Winfield Scott, Anacapa Island *
- Tubbs Cordage Company Office, San Francisco *
- ♦ Bark Vicar of Bray, Falkland Islands
- Shipwreck Site and Remains, SS Yankee_Blade, Lompoc, California *
- Yosemite National Park Power Plant, Yosemite *

ARCHAEOLOGICAL FIELD EXPERIENCE

Office of National Marine Sanctuaries, National Oceanic & Atmospheric Administration, Silver Spring, Maryland, 2010-2017

- Hulks and Shipwrecks of the Falkland Islands. A National Geographic Society Waitt Grant-funded assessment of mid-19th to early 20th century sailing ships used as hulks in Stanley and Goose Green, and the associated maritime cultural landscape. Principal Investigator, 2017.
- Doghole Ports of the Sonoma Coast, California. A land and water-focused survey of the maritime cultural landscape of the northern California coast associated with the Pacific lumber trade of the mid-19th to mid-20th centuries. Co-Principal Investigator, 2016-2017.
- ♦ Pearl Harbor Defensive Zone, off Oahu, Hawaii. Documentation of Japanese ko-hyoteki Type A midget submarines associated with the December 7, 1941 attack, in conjunction with Hans Van Tilburg and Terry Kerby, Hawaii Undersea Research Laboratory, and Frank Cantelas, NOAA's Office of Ocean Exploration and Research, Co-Principal Investigator. 2013-2016.
- Greater Farallones National Marine Sanctuary Maritime Heritage Assessment. Discovery and documentation of historic period shipwrecks including Oxford (1850), Noonday (1863), SS City of Chester (1889), SS City of Rio de Janeiro (1901), SS Selja (1910), SS Ituna (1920), USS Conestoga (1921), and unidentified shipwrecks, in conjunction with Robert V. Schwemmer and Michael Brennan. Co-Principal Investigator, 2013-2017.
- Ex-USS Independence (1951), off the central California coast. Documentation of the Independence-class WWII, atomic bomb test carrier scuttled post radiation studies, in conjunction with Robert V. Schwemmer, Michael Brennan and Kai Vetter. Chief Scientist, 2015-2017.
- I-400 (1946), Off Oahu, Hawaii. Discovery and documentation of Sentoku-class Japanese submarine scuttled post-war, in conjunction with Hans Van Tilburg and Terry Kerby, Hawaii Undersea Research Laboratory, Co-Principal Investigator. 2013.
- USS Kailua (IX-71), ex-SS Dickenson, off Oahu, Hawaii. Discovery and documentation of historic cable tending steamship scuttled post-war, in conjunction with Hans Van Tilburg and Terry Kerby, Hawaii Undersea Research Laboratory, Co-Principal Investigator. 2013.

ARCHAEOLOGICAL FIELD EXPERIENCE cont'd

- Monterrey Shipwrecks (ca. 1820), Gulf of Mexico. Deepwater (4300 ft.) survey, mapping and text excavation in conjunction with the Meadows Center for Water and the Environment, BOEM, BSEE, NOAA Office of Ocean Exploration, Ocean Exploration Trust, Texas Historical Commission, and Maryland Historical Trust, Project lead, 2012-Present.
- ♦ USS Hatteras (1863), Gulf of Mexico. Survey and mapping of wreck site. Project in conjunction with BOEM, BSEE, Texas Historical Commission and Tesla Offshore. Chief Scientist, 2012.
- RMS Titanic (1912), North Atlantic. Survey and mapping of wreck site. Project in conjunction with Woods Hole Oceanographic Institute, Premier Exhibitions, the National Oceanic & Atmospheric Administration, the National Park Service. Principal Investigator/Chief Scientist, 2010-2017.
- Mary Celestia (1864), Somerset, Bermuda. Excavation of the interior of the bow of an American Civil War blockade runner. Co-Principal Investigator, June 2011.

Institute of Nautical Archaeology, Texas A&M University, College Station, Texas, 2006-2010

- Sub Marine Explorer (1865), Isla San Telmo, Panama. Survey and identification of American Civil War submarine. Principal Investigator, 2006 to 2011.
- ♦ HMS Volage (1946) Bay of Sarande, Albania. Survey of bow of British destroyer blown off during Corfu Channel Incident. Project in conjunction with the RPM Nautical Foundation and INA. Principal Investigator, 2009-2010.

Vancouver Maritime Museum, Vancouver, B.C. and Eco-Nova Productions Ltd. Halifax, Nova Scotia, 1991-2006

- Monitor Russalka (1867), Baltic Ocean between Tallinn, Estonia and Helsinki, Finland. Consultation and survey of Russian Navy monitor. Co-Principal Investigator, 2005.
- Gallipoli (Cannakale) Turkey (1914-1915) Reconnaissance survey of wrecks of HMS Goliath and HMS Triumph from naval battles off Gallipoli Peninsula.
 Principal Investigator, 2005.

ARCHAEOLOGICAL FIELD EXPERIENCE cont'd

- ◆ Juno Beach (1944), Normandy, France. Survey of Canadian beach and offshore waters from the D-Day landings of June 1944. Principal Investigator, 2004.
- Wreck of US Collier Merrimac (1898), Santiago de Cuba, Cuba. Survey and identification of first warship sunk during the Spanish-American War, 2003.
- Wreck of Fox (1912) at Qequertarsuaq, Greenland. Survey of 1855 steamship used in Arctic exploration and as an Arctic trade vessel. Principal investigator, 2003.
- Wreck of Mongol (Ghenko) Fleet Vessel (1281), Takashima, Japan. Consultation on excavation of Chinese-built warship lost during Mongol invasion of Japan, 2002.
- Sub Marine Explorer (1865), Isla San Telmo, Panama. Survey and identification of American Civil War submarine. Principal Investigator, 2001-2006.
- Wreck of HMCS Clayaquot (1944), near Halifax, Nova Scotia, Canada. Survey and identification of Canadian minesweeper sunk by a German U-Boat, 2001.
- Wreck of L-26, near Peggy's Cove, Nova Scotia, Canada. Survey and identification of British 1920's submarine scuttled after World War II, 2001.
- Wreck of Mary Celeste (1885) Rochelois Reef, Haiti. Survey and identification and ongoing analysis of artefacts from a merchant ship previously found abandoned at sea in 1872 in a case that remains a notorious maritime mystery, 2000-2002.
- Wreck of RMS Titanic (1912). Archaeological reconnaissance dive in submersible Mir 2, 2000.
- Wreck of HMS Terror, King William Island vicinity, Nunavut, Canada, 2000. A search for Captain Sir John Franklin's exploration ship, HMS Terror (1845-1848), 2000.
- Wreck of RMS Carpathia (1918) Celtic Sea, off Ireland. Survey and identification of the wreck of the ship that rescued Titanic's survivors, 2000.

ARCHAEOLOGICAL FIELD EXPERIENCE cont'd

- Wreck of Sidewheel Steamship Great Republic (1867) mouth of the Columbia River, Oregon, 1997 to present. Ongoing survey and documentation of a portion of an 1879 steamship wreck initially thought to be Isabella, an 1830 wreck of Hudson's Bay Company supply vessel.
- Wreck of Maud, Cambridge Bay, Nunavut, Canada, 1996-1997. Survey and documentation of Arctic exploration vessel (1918-1931). Principal Investigator.
- Maritime collections, Fort Vancouver National Historic Site, 1994-1995. Reanalysis and documentation of archaeological collections excavated at Fort Vancouver from 1948-1978 for maritime archaeological materials. Principal Investigator.
- Wreck of Schooner Vancouver, Queen Charlotte Islands, British Columbia, 1994. Survey and preliminary documentation of 1836 wreck of Hudson's Bay Company trading vessel. Principal Investigator.
- Wreck of S.S. Beaver, Vancouver, 1991-1999. Survey and documentation of steamship wreck (1835-1887). Principal Investigator.

National Park Service, Washington, D.C., 1988-1991

- With the Submerged Cultural Resources Unit, work included documentation, survey, and analysis, primarily as project historian/archaeologist.
- Fort Jefferson National Monument, Florida. Survey of numerous historic 18th and 19th century shipwrecks and documentation.
- Bikini Atoll, Marshall Islands. Survey and documentation of ships sunk in 1946 atomic bomb tests. Project historian and co-principal investigator.
- Wreck of US Brig Somers, Veracruz, Mexico, 1990. Survey and documentation of 1847 wreck of Mexican War naval vessel, in cooperation with the Instituto Nacional de Antropologia y Historia. Principal Investigator.
- Pearl Harbor, Hawaii, 1988-1989. Final survey of USS Arizona, and remote sensing survey for submerged aircraft wrecks and Japanese midget submarine both in the harbor and in the Defensive Zone outside the harbor.

ARCHAEOLOGICAL FIELD EXPERIENCE cont'd

Consultant to Archeo-Tec, Inc. Oakland, California, William Self Associates, Orinda, California and Underwater Archaeological Consortium, San Pedro, California (1986-1988, 2001-2010)

- ♦ Remains of the 1818 ship Candace, San Francisco, 2006. Analysis and identification of 1818 whaler partially dismantled at Charles Hare Yard.
- Storeship General Harrison, San Francisco, 2001-2005. Excavation and analysis of 1840 ship converted to a warehouse and burned in 1851.
- Charles Hare Yard, San Francisco, 1987-1988. Excavation and analysis of shipbreaking yard and associated vessel debris (1851-1857).
- ♦ 101 Mission Street, San Francisco, 1987. Excavation and analysis of residential site (1849-1853).
- Rincon Annex, San Francisco, 1987. Excavation and analysis of sailor boarding house site (1887-1906) on waterfront.
- Shipwreck of Bark LaGrange, Sacramento, 1986-1987. Documentation and analysis of Gold Rush vessel and prison hulk (1836-1863).
- Hoff's Store, San Francisco, 1986-1987. Excavation and analysis of two collapsed, burned commercial and retail buildings (1851) on the former waterfront.

National Park Service, San Francisco, California (1978-1987)

- Field survey, excavation, preparation of research designs and project reports, including work as principal investigator for a variety of projects in various units and areas in the park in San Francisco and Marin Counties.
- Matthew Turner/James Robertson Shipyard, Benicia, California, 1987. Survey and documentation of 1887-1918 shipyard site, test excavation and documentation of ex-whaler Stamboul (1841-1916) at site. Principal investigator.
- USS Monitor Project, 1986-1988. Project Historian and coordinator of archaeological and historical context studies in collaboration with NOAA's National Marine Sanctuary Program and the preparer of the National Historic Landmark Study for Monitor.

ARCHAEOLOGICAL FIELD EXPERIENCE cont'd

- Shipwreck Survey, Cape Cod National Seashore, 1986. Field survey and documentation of various 19th and 20th century wrecks.
- Wreck of Brig Isabella, mouth of the Columbia River, Oregon, 1986.
 Preliminary survey and documentation of 1830 wreck of Hudson's Bay Company supply vessel.
- Shipwreck Survey, Cape Hatteras National Seashore, 1985-1986. Field survey and documentation of hurricane exposed shipwreck remains on 60-mile linear beach area. Principal Investigator.
- ♦ Black Point Battery, San Francisco, 1983-1985. Excavation and documentation of 1863 temporary harbour defence fortification. Co-Principal Investigator.
- Shipwreck Survey for C.W. Lawrence, San Francisco, 1983. Remote sensing survey for 1851 wreck of U.S. Revenue Cutter. Co-Principal Investigator.
- Shipwreck of Neptune, San Francisco, 1982. Documentation of early 20th century wreck on Ocean Beach. Principal Investigator.
- Shipwreck of King Philip, San Francisco, 1981-1984. Remote sensing survey, test excavation, documentation of exposed remains of 1878 medium clipper wreck on Ocean Beach. Principal Investigator.
- Shipwreck of S.S. Winfield Scott, Anacapa Island, 1981-1983. Survey and documentation of 1853 steamship wreck. Co-Principal Investigator.
- Shipwreck Survey, Point Reyes National Seashore, 1981-1983. Remote sensing survey, test excavation, documentation of exposed remains of several historic 19th and 20th century shipwrecks in Drakes Bay.
- Shipwreck of S.S. Tennessee, Marin County, 1979-1981. Remote sensing survey, excavation of 1853 steamship wreck and associated material culture. Co-Principal Investigator.
- Sutro Heights, San Francisco, 1979-1980. Excavation and documentation of 1886-1939 residential complex and ornamental gardens. Co-Principal Investigator.

ARCHAEOLOGICAL FIELD EXPERIENCE cont'd

Consultant to Rob Edwards, Archaeologist, Aptos, California (1973-1975)

♦ Field survey, excavation and preparation of Environmental Impact Reports in Santa Clara County, California. Project experience included prehistoric sites ranging from the Middle Horizon (3,000 B.P.) to Late Horizon (1,000-250 B.P.) and historical sites, notably the Luis Maria Peralta adobe in San José (1791).