

CURRICULUM VITAE

Charles R. “Chipper” Wichman, Jr.

National Tropical Botanical Garden

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Education

Degree: B.A., Horticulture Technology, University of Hawai‘i at Mānoa, 1983

Graduate: Horticulture Training Program, National Tropical Botanical Garden, 1977

Professional Background

2005 - Present: Director and Chief Executive Officer, National Tropical Botanical Garden

2003 - 2004: Acting Director, National Tropical Botanical Garden and Director, Limahuli Garden and Preserve

2003: Director, Limahuli Garden and Preserve of the National Tropical Botanical Garden

1997 - 2002: Director, Limahuli Garden and Preserve of the National Tropical Botanical Garden and Director, Kahanu Garden of the National Tropical Botanical Garden

1994 - 1997: Director, Limahuli Garden and Preserve of the National Tropical Botanical Garden

1993 - 1994: Assistant Director, Limahuli Garden of the National Tropical Botanical Garden

1990 - 1993: Assistant to the NTBG Director for Limahuli Garden of the National Tropical Botanical Garden

1983 - 1990: Superintendent-Horticulturist, Limahuli Garden of the National Tropical Botanical Garden

1980 - 1983: Summer horticultural worker, Limahuli Garden of the National Tropical Botanical Garden

1977 - 1980: Head Groundsman, Lāwa‘i Valley Garden of the National Tropical Botanical Garden

1976 - 1977: Apprentice Gardener, National Tropical Botanical Garden Horticulture Training Program

Selected Achievements

- 2009: Organized and led a group from Hawai‘i through a series of successful meetings with the U.S. Department of State and the Hawai‘i congressional delegation in Washington, D.C. to initiate talks to bring the International Union of Conservation of Nature (IUCN)’s World Conservation Congress to the United States in 2016.
- 2009: Received the US Green Building Council’s LEED Gold certification for NTBG’s Juliet Rice Wichman Botanical Research Center, Kalāheo, HI.
- 2007-08: Successfully led efforts to amend NTBG’s 1964 Congressional charter with language authorizing federal spending of \$500,000 on operations and maintenance, including testifying before Congress on Capitol Hill in November 2007 at the invitation of Hawai‘i Senator Daniel Akaka.
- 2007-08: Key role in organizing leaders from Bishop Museum, The Nature Conservancy of Hawai‘i, Lyon Arboretum (of the University of Hawai‘i), Missouri Botanical Garden, the Center for Plant Conservation, American Public Gardens Association, The Botanical Society of America, the U.S. Fish and Wildlife Service, the Hawai‘i Department of Land and Natural Resources, the Hawai‘i Invasive Species Council, and the National Park Service to develop a 10-15 year strategy for conservation work in Hawai‘i.
- 2007: Hosted international summit on Ethnobotany and co-authored the Kaua‘i Declaration to stress the importance of ethnobotany for providing solutions towards more sustainable living.
- 2007: Successfully led community efforts to require the State of Hawai‘i to plan and build subsurface flow constructed wetlands.
- 2006: Successfully led community efforts to pass legislation to establish the Hā‘ena community-based nearshore subsistence fishing area.
- 2006: Hosted international summit on Horticulture and Living Collections in Botanical Gardens.
- 2004-2006: Developed plans to construct the first “green building” on the island of Kaua‘i: Botanical Research Center at the National Tropical Botanical Garden. (Construction completed in January 2008).
- 2005: Developed mission statement and five-year strategic plan for the National Tropical Botanical Garden, representative of new vision for the organization, which was adopted by the Board of Trustees.
- 2005: Negotiated a very favorable 28-year Management Agreement for the management and use of Allerton Garden.
- 2005: Completed funding and construction of 16,000+-square foot state-of-art Conservation and Horticulture facility in the McBryde Garden.
- 2004: Hosted a summit on plant germplasm conservation with a national panel of experts from academia, state and federal governments, and conservation organizations.
- 2004-2005: Rebuilt NTBG conservation program from 3 staff members to 10 with grant funding.
- 2004: Completed a four-year planning process that resulted in an award-winning Master Plan for Kahanu Garden.

- 2003: Completed the four-year Indigenous Community Mapping Initiative project.
- 2003: Established collaborative projects with national and international volunteer organizations for restoration work in Limahuli Preserve.
- 2002: Assisted in the successful negotiations for the purchase of 350 acres adjoining Kahanu Garden to secure all-weather access to this remote location.
- 2001: Initiated Project Stewardship Program at Limahuli in collaboration with The Nature Conservancy of Hawai‘i, bringing hundreds of high school students to the preserve to do hands-on habitat restoration.
- 2000: Worked with the US Fish and Wildlife Service to develop a holistic approach to conservation of natural resources based on traditional Hawaiian cultural knowledge, which was used to educate Department of Interior officials in Washington, DC.
- 2000: Implemented extensive stakeholder solicitation process to create a community-based site management plan for Pi‘ilanihale heiau.
- 1999: Developed an extensive interpretive program and opened Kahanu Garden to educational tours for the public.
- 1998: Planned and implemented the restoration of Pi‘ilanihale heiau, the largest heiau (ancient temple) in Polynesia, at Kahanu Garden.
- 1995: Developed an extensive interpretive program and opened Limahuli Garden to educational tours for the public.
- 1994: Developed three-year strategic plan for Limahuli Garden and Preserve.
- 1994: Oversaw planning, research, and application for State Conservation District Use Permit for the Allerton Garden, managed by the National Tropical Botanical Garden.
- 1992-1993: Oversaw clean up and restoration of Limahuli Garden after Category 4 hurricane in fall 1992. Included extensive damage assessment to secure Federal Emergency Management Agency funds.
- 1989-1993: Worked with the State Department of Land and Natural Resources to create the unique Limahuli Valley Special Subzone within the State Conservation District. Included preparation of Environmental Assessment, holding public hearings, filing applications, and securing an amendment to Hawai‘i statutes.
- 1986-1989: Development of a comprehensive Master Plan for Limahuli Garden and Preserve.

Language Abilities

English and Hawaiian.

Selected Teaching and Lectures

- 2000 - Present: Course instruction for NTBG college and professional educational programs.
- 2009: Speaker at the statewide 2009 Hawai‘i Conservation Conference on “The Importance of Rare Plant Conservation and Large-Scale Ecological Restoration,” emphasizing protection of botanical biodiversity through the establishment of partnerships, expansion of genetic seed storage and propagation facilities, and networking.

- 2009: Distinguished guest speaker at the annual membership meeting of the Palm Beach Garden Club, Palm Beach, FL.
- 2008: Distinguished guest speaker at the annual membership meeting of the Citizens for Good Government, Līhu'e, Kaua'i, HI.
- 2007: Speaker on Sustainable Tourism, "Greening Kaua'i's Visitors Industry" island-wide conference.
- 2007: Opening speaker, "Saving the World's Plants - How Can We Do It?," joint symposium with the Missouri Botanical Garden and the Center for Plant Conservation.
- 2007: Featured speaker, Leadership Kaua'i, with focus to improve and broaden community leadership resources through better understanding and education.
- 2006: Distinguished guest speaker at the Palo Alto Garden Club, Palo Alto, CA.
- 2006: Distinguished Speaker at the Pacific Club, Honolulu, HI.
- 2006: Opening speaker at first Kaua'i Conservation Conference.
- 2005: Reported to members of United States House of Representatives in the Cannon Caucus Room, US Capitol, on the progress of the NTBG since it was chartered by Congress in 1964.
- 2005: Reported to members of United States Senate in the Russell Caucus Room, US Capitol, on the progress of the NTBG since it was chartered by Congress in 1964.
- 2004: Plenary session address at the International Forum on Indigenous Mapping, Vancouver, British Columbia.

Selected Honors

- 2008: Recipient of the 8th Annual Ho`okele Award honoring Hawai'i's non-profit leaders dedicated to their field of work from the Wallace Alexander Gerbode Foundation and the Hawai'i Community Foundation.
- 2007: Horticulture Commendation Award from The Garden Club of America and the Honolulu Garden Club.
- 2007: Kaua'i Green Business Initiatives Award from the Rotary Club, Kapa'a chapter.
- 2006: Community Champion award from the Kaua'i Planning and Action Alliance.
- 2005: American Planning Association award for the Master Plan for Kahanu Garden.
- 2001: Historic Hawai'i Foundation award for leadership in developing Limahuli Garden and Preserve as a model project for cultural and biological restoration.
- 1999: House and Senate concurrent resolution honoring the completion of Pi'ilanihale Heiau Restoration Project.
- 1997: Limahuli Garden and Preserve named "Best Natural Botanical Garden" by the American Horticultural Society, based upon the ahupua'a stewardship program implemented.
- 1983: Selected to represent the College of Tropical Agriculture and Human Resources for University of Hawai'i commencement ceremony.
- 1983: Graduated with a 4.0 GPA and honors, University of Hawai'i. Member *Phi Beta Kappa*.

Associate and Affiliate Status

- 2009: Chairman of the Board, Kauai Watershed Alliance, Kaua'i, HI. Member since 2007.
- 2008-09: Member of the leadership team coordinating the strategic and business plans to bring the International Union for Conservation of Nature (IUCN) World Conservation Congress to Hawaii in 2016.
- 2008 – Present: Member of the Board of the Kauai Economic Business Development's Renewal Energy Committee.
- 2008: Co-chair for the Hawaii Restoration and Conservation Initiative, successor to the Hawai'i Plant Conservation Initiative (HiPCI).
- 2003 - Present: Adjunct faculty status with the University of Hawai'i.

Membership in Professional Societies and Organizations

- Botanic Gardens Conservation International
- American Public Gardens Association
- Directors of Large Gardens
- Society for Ecological Restoration

Service

- 2008-Present: Member of the Koke'e State Park Advisory Council appointed by State of Hawai'i Senate President in 2008.
- 2008-Present: Member of the 'Ohana Council, the governing body of the community-based non-profit organization Hui Maka`ainana O Makana, in Hā`ena, Kauai, HI.
- 2007-Present: Governing Trustee of the Center for Plant Conservation.
- 2006: Successfully led community efforts to pass legislation to establishment rules relating to the community-based subsistence nearshore fisheries in Hā`ena, Kaua'i.
- 1999 - 2006: Member of Onipa'a Na Hui Kalo. This is a statewide organization of Hawaiians who are dedicated to restoring ancient lo'i kalo and who are working with state and federal agencies to create a streamlined permit process for lo'i restoration.
- 1998 2008 : Founding Director and Vice President of the Hui Maka`āinana O Makana. Spearheaded the formation of the Hui Maka`āinana O Makana, a community-based non-profit organization focused on restoring the Hawaiian community's ability to steward the natural and cultural resources located in the Hā`ena State Park. In 1999, the Hui received 501(c)(3) status from the IRS and has been awarded official Curator status for Hā`ena State Park by the State Department of Land and Natural Resources.
- 1992 - 1997: Hanalei School PTA President. Organized school community and joined national Parent Teacher Association (PTA); built PTA into a \$40,000/year organization that implemented innovative in-school programs focusing on Hawaiian culture and arts, summer enrichment programs, and built needed playground facilities. Spearheaded a massive lobbying effort to get the State to replace the needed facilities after hurricane destroyed the school's library and cafeteria; brokered a long-stalled land exchange with the neighboring

landowners to accommodate an expanded library and cafeteria facility; wrote a successful National Endowment for the Humanities grant to stock the new library with books.

1984-1990: Appointed by the Mayor to serve on the County Arborist Committee to advise the County on the protection and proper maintenance of historic trees on Kaua'i.

Selected Grants

2007. Grant (\$1,500,000) from the State of Hawai'i Legacy Land Conservation Program for land acquisition to conserve native hala forest and cultural resources.

2007. Grant (\$200,000) from U.S. Department of Housing and Urban Development toward construction of botanical research center.

2006. Grant (\$900,000) from the Kresge Foundation toward construction of botanical research center.

2005. Grant (\$150,000) from the Strong Foundation for environmental education programs for K-12 and science teachers.

2004. Grant (\$500,000) from the Geist Foundation to complete funding construction of the Conservation and Horticulture Center in McBryde Garden and for projects at Kahanu Garden.

2004. Grant (\$200,000) from the Hawai'i Community Foundation to rebuild conservation program with focus on creating a genetic safety net for endangered species.

2004. Grant (\$336,000) from US Fish & Wildlife Service to create 400-acre enclosure in Limahuli Valley.

2004. Grant (\$300,000) from the Lannan Foundation for indigenous mapping of Hā'ena and Ni'ihau.

2003. Grant (\$50,000) from the National Fish and Wildlife Foundation for a native forest restoration project.

2003. Grant (\$113,650) from private funding source for native plant conservation.

2002. Grant (\$60,000) from the National Oceanic and Atmospheric Administration for a community-based restoration program.

2001. Grant (\$146,000) from the Getty Grant Program of the J. Paul Getty Trust to complete master plan for Kahanu Garden.

2001. Grant (\$200,000) from the William and Flora Hewlett Foundation for ahupua'a program at Limahuli Garden and Preserve.

2001. Grant (\$50,000) from Hawai'i Community Foundation for ecosystem restoration.

2000. Grant (\$87,040) from the Getty Grant Program of the J. Paul Getty Trust for site management plan for Kahanu Garden and Pi'ilanihale heiau.

2000. Grant (\$100,000) from the William and Flora Hewlett Foundation for ahupua'a program at Limahuli Garden and Preserve.

1999. Grant (\$100,000) from the William and Flora Hewlett Foundation for ahupua'a program at Limahuli Garden and Preserve.

1999. Grant (\$500,000) from the Tides Foundation for indigenous communities mapping initiative at Limahuli Garden and Preserve.
1998. Grant (\$50,000) from the William and Flora Hewlett Foundation for ahupua'a program at Limahuli Garden and Preserve.

Fieldwork

- 1983-1996: Organized and lead numerous botanical surveys of Limahuli Preserve and extensive botanical explorations of north-west Kaua'i with field botanists from NTBG and other organizations that resulted in the discovery of more than 10 new species endemic to Kaua'i.
- 1978-1980: Frequent conservation fieldwork, including Na Pali coast of Kaua'i, focusing on hand pollination and seed collection of *Brighamia insignis* subsp. *napaliensis*.
- 1977-1980: Organized and conducted first botanical surveys of the Upper Limahuli Preserve in collaboration with field botanist Steve Perlman, which resulted in the discovery of more than a dozen new species endemic to Limahuli Valley.

Publications

- Wichman, Chipper. 2009. Foreword. *Plants of the Canoe People: an Ethnobotanical Voyage through Polynesia*. V-VI.
- Wichman, Chipper. 2009. Foreword. *Sublime Beauty*. 8.
- Wichman, Chipper. 2009. Message from Chipper. *The Bulletin of the National Tropical Botanical Garden*. 26(1): 1-4.
- Wichman, Chipper. 2008. Message from Chipper. *The Bulletin of the National Tropical Botanical Garden*. 25(3-5): 1-4.
- Wichman, Chipper. 2007. Message from Chipper. *The Bulletin of the National Tropical Botanical Garden*. 25(1): 1-4.
- Prance, Ghilleen T.; Raven, Peter H.; Wichman, Chipper; et al. 2007. Ethnobotany: the Science of Survival. *The Bulletin of the National Tropical Botanical Garden*. 24(4): 4-8, and *Economic Botany, the journal of the Society for Economic Botany*. 61(1): 1-2.
- Wichman, Chipper. 2007. Message from Chipper. *The Bulletin of the National Tropical Botanical Garden*. 24(4): 1-3.
- Wichman, Chipper. 2006. Message from Chipper. *The Bulletin of the National Tropical Botanical Garden*. 24(1-3): 16-17.
- Wichman, Chipper. 2005. Message from Chipper. *Your Garden*, newsletter of the National Tropical Botanical Garden. 1(3): 1 and 7.
- Wichman, Chipper. 2005. Message from Chipper. *Your Garden*, newsletter of the National Tropical Botanical Garden. 1(2): 1 and 7.
- Wichman, Chipper. 2005. Message from Chipper. *Your Garden*, newsletter of the National Tropical Botanical Garden. 1(1): 1 and 11.
- Wichman, Chipper. 2005. Pi'ilanihale Heiau (book chapter). *Pōhaku: The Art and Architecture of Stonework in Hawai'i*. 4-5.

- Wichman, Chipper. 2003. News from the National Tropical Botanical Garden. 32: 46-47.
- Wichman, Jr., Charles R. 1992. Recovery efforts take 'root' at Limahuli. The Bulletin of the National Tropical Botanical Garden. 22(4): 99-100.
- Wichman, Jr., Charles R. 1992. Exciting Rediscovery of 'extinct' plant. The Bulletin of the National Tropical Botanical Garden. 22(2): 39-41.
- Wichman, Jr., Charles R. 1988. Juliet Rice Wichman. The Bulletin of the Pacific Tropical Botanical Garden. 18(1): 24-25.
- Wichman, Jr. Charles R. 1978. Limahuli Valley Botanical Survey. The Bulletin of the Pacific Tropical Botanical Garden. 8(1): 1-8.

July 14, 2009