

Earl Bakken Legacy Collection

Collection Summary

Collection Name: Earl Bakken Legacy Collection

Extent: 1,148 Entries, totaling 98.25 cubic feet of storage

Dates: Bulk circa 1940s-2018

Creator: Earl E. Bakken

Language of the Material: English

Processed By: Aly Skoglund and Nick Williams

Collection Repository: The Bakken Museum
3537 Zenith Ave S
Minneapolis, MN 55416

Biographical Note

Earl Elmer Bakken was born to Florence and Osva Bakken on January 10, 1924, in Minneapolis, Minnesota. After high school, he served in the United States Army Signal Corp during WWII. He enrolled at the University of Minnesota, earning a Bachelor of Electrical Engineering degree in 1948.

In 1949, Earl Bakken co-founded Medtronic with Palmer J. Hermundslie in a small garage in Northeast Minneapolis, which began as a repair service for medical electronic equipment at the University of Minnesota. After a power outage, Dr. C. Walton Lillehei asked Earl to create a new pacemaker that didn't rely on being plugged in. Earl created the prototype for what became Medtronic's Model 5800 pacemaker, the world's first battery-operated, transistorized, external pacemaker. Bakken was Medtronic's CEO and Chairman from 1957 until his retirement in 1994.

In 1975 Earl founded The Bakken Museum and provided for the creation of its historical collections devoted to the history of electricity and magnetism and their uses in medicine and the life sciences. After his death, this museum became the home of his materials that constitute this collection. Earl also served on numerous boards and worked to advance philanthropic efforts around the world. This included support of the North Hawaii Community Hospital in his adopted home of Hawaii.

Earl died on October 21, 2018 in Hawaii. He was survived by his wife, Doris J. Bakken, and his children: Wendy Watson, Jeff Bakken, Brad Bakken, Pamela Petersmeyer.

Acquisition

This collection was donated to The Bakken Museum by Earl Bakken upon his death, October 2018.

Access

This collection is open for researchers and has no restrictions.

Scope and Content

This collection consists of a variety of materials belonging to Earl Bakken, covering the span of his life's work and activities. It includes devices, papers, and other objects from his professional life dedicated to creating novel medical devices and co-founding and stewarding Medtronic, as well as recognition of his efforts and achievements. It also includes his philanthropic work supporting community organizations in Minnesota and Hawai'i and research institutions in many locations. This collection does not include significant papers from Earl's time at Medtronic before his retirement; such materials may be found in Medtronic's archival repository.

A significant portion of the collection consists of objects and materials given to Earl as gifts, often as tokens of appreciation for the inspiration Earl provided through his life's deeds.

Finally, this collection includes some personal materials, such as papers, photographs, and objects related to his personal interests and hobbies. Many of these interests are described in *Dreaming On*.

Arrangement

- Series 1: Devices and Instruments
- Series 2: Awards and Gifts
- Series 3: Professional Activities
- Series 4: Personal Papers and Materials
- Series 5: Photographs

Copyright

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Collection Inventory

Series 1: Devices and Instruments

This series includes medical devices and instruments—mostly created by Medtronic—that represent one of Earl’s most enduring legacies. Highlights include versions of Earl’s own invention, the model 5800 transistorized pacemaker; pacemakers that span between the 1960s-2010s; a reproduction of teenage-Earl’s “Kiss O Meter” invention; and Earl’s doctor bag filled with materials for presentations on his life story in the history of pacemakers.

Note: These pieces have detailed records in the Artifacts database: <https://thebakken.org/research>. They can be located by searching the database for the Catalog Number associated with that piece.

Box	Catalog Number (Artifact Database)	Description
3	120.001.001	Medtronic 5800 External Marketed Pacemaker, 1958
3	120.001.002	Medtronic 5800 External Prototype, 1957
1	120.001.003	Medtronic Pace-ette Model 5825A, 1965
1	120.001.004	Medtronic Model SDR303 Sigma, 1999
1	120.001.005	Medtronic Model T6081 Vitatron T60DR DDR, 2004
1	120.001.006	Medtronic Model 7077 Elite, 1991
1	120.001.007	Medtronic Model A3DR01 Advisa DR MRI SureScan, 2010
1	120.001.008	Medtronic Model SEDR01 Sensia, 2006
1	120.001.009	Medtronic Model MDR01 EnRhythm MRI, 2008
1	120.001.010	Medtronic Model ADDR03 Adapta, 2006
1	120.001.011	Medtronic Model 400 Kappa KDR401, 1998
1	120.001.012	Medtronic Model 7960 Thera, 1995
1	120.001.013	Medtronic Model RVDR01 Revo MRI, 2010
1	120.001.014	Medtronic Model 700 Kappa KDR701, 2001
1	120.001.015	Medtronic Model IS-1 Elite II DDD/R, 1995
1	120.001.016	Medtronic Model 8084 Prevail, 1995
1	120.001.017	Medtronic Model 8340 Minix, 1989
1	120.001.018	Medtronic Model SSIR Legend II SSI, 1997
1	120.001.019	Medtronic EnPulse DR01, 2004
1	120.001.020	Medtronic Model 8360 Micro Minix, 1990
1	120.001.021	Medtronic Model 5858 Pediatric Pacemaker (yoyo) (2 pieces), 1970
1	120.001.022	Medtronic Model 9000 Isotopic Pacemaker Prototype (2 pieces), 1970
1	120.001.023	Medtronic Model 5972 Xyrel Ventricular Inhibited Pulse Generator, 1977
1	120.001.024	Medtronic Mirel Lithium-Powered Pulse Generator demo model, 1978
1	120.001.025	Medtronic Model 7026 Synergyst, 1989
1	120.001.026	Medtronic Model 5850 Chardack-Greatbatch, 1960
1	120.001.027	Medtronic Model 5860 With 6814 Myocardial Leads, 1963

1	120.001.028	Medtronic Model 5870 With 5914 Myocardial Leads, 1964
1	120.001.029	Medtronic Model 5842 Demand Pacemaker Epoxy Mold, 1966-1967
1	120.001.030	Medtronic Model 5951 Xytron with 5814 Myocardial Lead, 1974-1975
1	120.001.031	Medtronic Model 5942 Chardack Pulse Generator, 1967-1968
1	120.001.032	Medtronic Model 8403 Activitrax, 1986
1	120.001.033	Medtronic Model 5992 Byrel DD, 1979
1	120.001.034	Medtronic Model 5988 Implantable VVI Pulse Generator, 1966
1	120.001.035	Medtronic Model 8040 InSync, 2001-2010
1	120.001.036	Medtronic Model 7215 PCD, Hollow, 1988-97
1	120.001.037	Medtronic Model 7421 with lead attached, 2001
1	120.001.038	Medtronic SynchroMed Programmable Pump, 1988-2000
1	120.001.039	Medtronic Model 700 Kappa KDR701, 2001
1	120.001.040	Medtronic Unknown Kappa Model, 1998-2001
1	120.001.041	Medtronic Model 7219D PCD Jewel, 1990-2015
1	120.001.042	Medtronic Model 8040 InSync, Hollow, 2001-2010
1	120.001.043	Medtronic Model 8040 InSync Hollow, 2001-2010
2	120.001.044	Medtronic GemDR Model 7271 demo, 2000-2015
2	120.001.045	Medtronic Model 9526 Reveal Plus, 2000-2010
2	120.001.046	Medtronic Activa PC Demo, 2009-2018
2	120.001.047	Medtronic Model 7221Cx Micro Jewel Demo, 1996-2015
2	120.001.048	Medtronic Model 8637-20 SynchroMed II Programmable Pump Demo, 1999-20118
2	120.001.049	Chardack-Greatbatch Pacer with leads, no model number, 1960-1975
2	120.001.050	Medtronic Magnet, 1980-1999
2	120.001.051	Chardack-Greatbatch Pacer Model 4842, 1967-1973
2	120.001.052	Medtronic Activa SC 37602 Demo, 2009-2018
2	120.001.053	Chardack-Greatbatch Pacemaker no model number, 1960-1975
2	120.001.054	Chardack-Greatbatch Model 5841 Pacer, 1960-1975
2	120.001.055	Medtronic Reveal XT 9529 Demo, 2000-2018
2	120.001.056	Medtronic Blackwell Pacer Demo, 2009
2	120.001.057	Medtronic GemDR Model 7271 Demo, 1998-2015
2	120.001.058	Medtronic Restore Sensor Demo, 1999-2018
2	120.001.059	Medtronic Activitrax Pacer Case
2	120.001.060	Medtronic Minix 8340 SSI Demo model, 1980-1999
2	120.001.061	Medtronic Ventricular Patient Cable 5433v, 2006-2018
	120.001.062	Medtronic Model 5348 Temporary External Pacemaker Kit, 1995
	120.001.063	Medtronic Dual Chamber Temporary External Pacemaker Prototype in Development Kit, 2010
4	120.001.064	Medtronic Synergy EZ Pacer Demonstration Kit: SynchroMed EL Programmable Pump, ISOMed Pump, Itrel 3 Model 7425, Synergy Model 7427, Synergy EZ Model 7435
4	120.001.065	Medtronic Display Case: Active Leadless Pressure Sensor (ALPS), Right Ventricular ALPS Systemic Venus Oxygen Sensor (RV ALPS SV02), Percutaneous Leadless Pacing System (PLPS), Reveal ICM with Electrode and RF Antenna on Leadlette (Reveal ICM with Leadlette), Reveal ICM, 2009

4	120.001.066	Medtronic Model 9538 Cardiac Monitor training kit, 2013
4	120.001.067	Medtronic Model 4081 Target Tip, 1980-1999
4	120.001.068	Medtronic Coronary Balloon Dilation, 1992
4	120.001.069	Medtronic Spirit PTCA Catheter, 1993
2	120.001.070	LZ Quad lead, 2000-2018
2	120.001.071	Perc Paddle Lead with Flat needle, 2000-2018
2	120.001.072	Medtronic lead pack old 7495 and LZLPE display models, 2000-2018
2	120.001.073	Medtronic lead pack including 7472, LZ Octad.110 spacing, new PERC extension, old Octad.170 spacing, and old Octad extension 7471 leads, 2000-2018
2	120.001.074	Unknown leads, 2000-2018
2	120.001.075	Medtronic Neurostimulator RX1, 1999-2018
2	120.001.076	Medtronic Restore Sensor demo device with amplitude adjuster, 1999-2018
3	120.001.077	Medtronic PEAK PlasmaBlades set of 3, 2007-2018
3	120.001.078	Medtronic Aquamantys, 2013-2018
3	120.001.079	Industrial Test Systems Radiation Detector, 2000-2018
4	120.001.080	Medtronic Model 8840 Programmer, 2005-2015
3	120.001.081	TriField Meter, 1992-2001
3	120.001.082	Pace-Inhibiter, 1980-2010
1	120.001.083	Kiss O Meter, 1965-1975
3	120.001.084	Assorted Leads: 5815A, IS-1 UNI, IS-1 BI, and Lead screwdriver
	120.001.085	Brentwood Electrocardiograph Fukuda Denshi Model Cardimax FX-102A kit, 1983
	120.001.086	Doctor's bag with presentation materials, 1958-2012
5	120.001.087	Melody Transcatheter Pulmonary Valve, 2017
5	120.001.088	2 Unknown Stents, 2005-2015
5	120.001.089	Medtronic Kappa KDR701, 2001
	120.001.090	Medtronic Vitatron Carelink 2090 Programmer, 1990-2010
5	120.001.091	Medtronic Percutaneous Leadless Pacing System, 2010-2015
5	120.001.092	MIO Infusion Set Bayer Contour Plus Link Enlite glucose sensor, 2015
5	120.001.093	Medtronic Dual Chamber Temporary Pacemaker 5388, 1995-2010
	120.001.094	Medtronic 5800 External Pacemaker, 1958

Series 2: Awards and Gifts

This series includes the awards and recognition received by Earl from a wide variety of institutions and organizations, as well as gifts from individuals inspired by Earl's life's work and legacy. Gifts range from medical devices developed by the giver, personal mementos, photobooks, and artistic pieces. The series is organized into two halves: awards and gifts. Each half is arranged in alphabetical order by organization or individual.

Box	Folder	Description
		AdvaMed: Lifetime Achievement Award, Bowl with Stand, 2014
16	1	AdvaMed: Lifetime Achievement Award, Speech, Nomination, Correspondence and Photos, 2014
		American Association of Critical Care Nurses, Donor of Distinction, Desk Display, 1989
14	1	American College of Cardiology: Honorary Fellow, Certificate, 1991
		American Creativity Association: Lifetime Creative Achievement Award, Wood Statue, 1996
16	2	American Heart Association West Hawaii Division: Hall of Fame, documents related to, 1998
		American Heart Association: Champions of Hope Bronze Circle, Glass Plaque, 2004-2005
		American Heart Association: Gold Heart Award, Glass Plaque, 2005-2006
		American Heart Association: Hall of Fame Recipient, Plaque, 1998
		American Institute for Medical and Biological Engineering: Acknowledgement, Plaque, 2009
		American Institute for Medical and Biological Engineering: Honorary Fellow, metal Certificate, 2004
16	3	American Red Cross: Lifetime Achievement award, letter and invite, 2002
		American Stroke Association and American Heart Association: Heart and Stroke Champions, Desk Plaque, 2005-2006
16	4	Association for the Advancement of Medical Instrumentation: Laufman-Greatbatch Prize, letter, 1998
		Association for the Advancement of Medical Instrumentation: Laufman-Greatbatch Prize, Plaque, 1998
16	5	Association for the Advancement of Medical Instrumentation: Leadership and Achievement Award, Documents Related to, 2011
		Association for the Advancement of Medical Instrumentation: Leadership and Achievement Award, Plaque, 2011
16	6	Association of Hawaiian Civic Clubs: Kako'o 'O Kalaniana'ole Award, Certificate, 2002
16	7	Association of Hawaiian Civic Clubs: Kako'o 'O Kalaniana'ole Award, Documents related to, 2002
		Association of Hawaiian Civic Clubs: Kako'o 'O Kalaniana'ole Award, Plaque signed by artist Carol "Makani" Wong, 2002
		Association of Healing Care Projects: Founder's Award, Plaque, 1998

		Bakken Heart-Brain Institute Cleveland Clinic, Lifetime Achievement Award, Desk Plaque, 2006
		Bakken Society Medal, undated
		Biomedical Engineering Society: International Distinguished Lecturer Award, Plaque, 2004
16	8	Brown and Bakken World Health Awards: Program, 2005
16	9	Business Economics Education Foundation: Volunteer Service Award, Certificate, 1991
16	10	C. Walton and Richard C. Lillehei Surgical Society, The: Member in Good Standing Certificate, 2017
16	11	C. Walton and Richard C. Lillehei Surgical Society, The: Member in Good Standing, Certificate, 2018
7		C. Walton Lillehei Medal, undated
7		CardioStim: 10th Anniversary Award. Medal, 1988
7		CardioStim: Special Award for Engineers and Industry Founders, Medal, 1998
		Cardiovascular Center, The: Lifetime Achievement Award, Plaque, 2012
16	12	Cardiovascular Institute of the South: Lifetime Achievement Award, Documents related to, 2005
16	13	Casa de Apoio à Criança Câncer São Vicente de Paulo (The Support House for Children with Cancer St. Vicente de Paulo): Donor Friend, Certificate, undated
		Center for Spirituality & Healing: Spirit of the Center Award, Glass, 2010
16	14	City of Columbia Heights: Earl E. Bakken Day Proclamation, Certificate, 2012
16	15	City of Minneapolis Committee on Urban Environment: CUE Awards, finalist letter, 2000
		Cleveland Clinic Foundation, The: Distinguished Fellow, Medal, undated
		Cleveland Clinic Heart Center, The: Building the Foundation Ceremony, Medal embedded in Concrete, 2005
7		Cleveland Clinic Heart Center, The: Medallion Society, Medal, 2004
		Columbia Heights Public School: Founding Member of the Alumni Scholarship Foundation, Plaque, undated
16	16	Columbia Heights Public School: Event information, 2012
16	17	Columbia Heights Public School: Photo book, 2012
		Columbia Heights Public Schools: Alumni of Distinction Award, Plaque, 2012
14	2	County of Hawaii: Proclamation Celebrating Earl's 90th Birthday as Earl Bakken Day, Certificate, 2014
		East-West Philanthropists Summit: Legacy of Hope Award, Handblown Glass orb created in the studio of Hugh Jenkins and Stephanie Ross, 2018
		Entrepreneur of the Year: Lifetime Achievement Award, Trophy, 1991
16	18	European Society of Cardiology: Gold Medal of the Society, Congratulations letter, 1999
16	19	Five Mountains Hawaii: Outstanding Contribution, Certificate, 2013
		Forum: Lifetime Award, Acrylic disc in Wood Stand, undated
16	20	Fridley Historical Society: Induction to Hall of Fame, Letter, 2015
		Fridley Historical Society: Outstanding Contributions, Desk Plaque, 2015
16	21	Friends of Children's Advocacy Center of West Hawaii, The: Certificate, 1999

14	3	Hawaii County Council: Proclamation, Certificate, 1997
		Hawai'i State Consortium for Integrative Healthcare: Plaque, 2004
		Hawaii State Consortium of Integrative Medicine; Harvard University Medical School; Stanford University Medical School: Honorary Ph.D., Plaque, undated
14	4	Hawaii State Legislature, The: 90th Birthday Congratulations, Certificate, 2014
16	22	Hawaii West Amateur Radio Society: Certificate of Appreciation, 1998
		Heart Rhythm Foundation: Recognition as Chairman, Glass Paperweight, 2005
		Heart Rhythm Society: Proclamation, Plaque, 2014
		Heart Rhythm Society: Recognition, Plaque, 2011
8		Honorary Degree Hood: Blue, Gold, and Maroon, undated
8		Honorary Degree Hood: Gold and Maroon, undated
8		Honorary Degree Hood: Gold and Red, undated
8		Honorary Degree Hood: Green and white, undated
8		Honorary Degree Hood: Red, Green, Purple, and White, undated
8		Honorary Degree Hood: Yellow, Green, and Blue, undated
8		Honorary Degree Hood: Red, Green, Blue, and Yellow, undated
16	23	Honpa Hongwanji Mission of Hawaii: Living Treasure of Hawaii, Certificate, 1999
16	24	Honpa Hongwanji Mission of Hawaii: Living Treasure, Documents related to, 1999
16	25	Hoover Metal: Nomination from Minntech Corporation President Louis C. Cosentino, 1987
7		Institute of Electrical and Electronics Engineers Inc: Centennial Medal, 1984
14	5	Institute of Electrical and Electronics Engineers Inc: Fellow, Certificate, 1974
7		Institute of Electrical and Electronics Engineers Inc, The: I.E.E.E. Eli Lilly Award in Medical and Biological Engineering, Medal, 1994
16	26	Institute of Electrical and Electronics Engineers Inc, The: I.E.E.E. Eli Lilly Award in Medical and Biological Engineering, Program, 1994
7		Institute of Electrical and Electronics Engineers Inc, The: I.E.E.E. Fellow 50th Anniversary, Medal, 2014
16	27	Institute of Electrical and Electronics Engineers Inc, The: I.E.E.E. Fellow, Certificate, 1993
14	6	Institute of Electrical and Electronics Engineers Inc, The: The I.E.E.E. Medal, Certificate, 1984
		Institute of Noetic Sciences, The: Gratitude Award with flag carried to the moon by Astronaut Edgar D. Mitchell in 1971, Desk Display, 1986
14	7	Institute of Radio Engineers, The: Member's Certificate, Certificate, 1958
16	28	Instrument Society of America, Senior Member, Certificate, undated
16	29	Instrument Society of America, The: Fellow, Certificate, 1983
16	30	Instrumentation, Systems, and Automation Society, The: Life Fellow Member, Certificate, 2004
		International College of Surgeons, The: Gold level award, Plaque, 1998
16	31	King Kamehameha Celebration Commission: Grand Marshal, Certificate, 1997
14	8	Kingdom of the Netherlands: Officer in Orde Van Oranje-Nassau, Certificate, 1989
		Kohala Center, The: Citizen-Ambassadors, Plaque, 2016

16	32	Kona Lions Club: Certificate of Appreciation, Certificate, 1999
16	33	Kona-Kohala Chamber of Commerce: Lifetime Service Award, Plaque, 2009
15	1	Le Collège International de Chirugiens: Honorary Diploma, Certificate, 1993
7		Le College International Des Chirugiens: Honorary Member, Medal, 1993
		Lifepan Institute Hawaii Island: Outstanding Community Leadership Award, Wood plate, 2013
		Lifepan Institute Hawaiian Island: Leadership Award, Desk Plaque, 2011
		Lillehei Heart Institute: Lifetime Achievement Award, Plaque, 2004
		Lillehei Surgical Society: Distinguished Contributions to Medicine, Desk Plaque, 2001
7		Lillehei Surgical Society: Medal, 2011
16	34	Lillehei Surgical Society: Member in Good Standing, Certificate, 1986
		Lloyd Family: Recognition and Thanks, Wood Statue, undated
		Medical Alley Associations, The: Plaque, 1988
16	35	Medical Device Conference: Innovator Award, letter, 2003
		Medtronic Surgical Technologies International East Team: 50th Anniversary of Mission, Glass plaque, 2010
16	36	Medtronic: ASPIRE Professional Development program testimonial, Certificate, 2010.
		Medtronic: Author's Award, Plaque, 1979
16	37	Medtronic: Certificate of Service, Certificate, 1989
		Medtronic: Certificate of Service, Plaque, 1979
		Medtronic: Frankenstein Statue, 1975-1980
		Medtronic: Heritage Circle, Desk Plaque, 2014
16	38	Mended Hearts Inc: Documents related to Dwight E. Harken Award, 2010
		Mended Hearts Inc: Dwight E. Harken Award, Glass Paperweight, 2010
		Mended Hearts Inc: Dwight E. Harken Award, Plaque, 2010
		Minnesota Broadcasters Association: Outstanding Minnesotan, Plaque, 1988
		Minnesota Business Hall of Fame: Statue, 1978
16	39	Minnesota Entrepreneur's Club, Entrepreneur of the Year, Documents, 1994
16	40	Minnesota High Technology Council: Lifetime Achievement Award, Announcement, 1996
		Minnesota High Technology Council: Lifetime Achievement, Glass Obelisk, 1995
16	41	Minnesota Inventors Congress: Lifetime Membership, Certificate, undated
		Minnesota Inventors Hall of Fame: Induction, Plaque, 1995
		Minnesota Medical Association, The: James H. Sova Memorial Award, Plaque, 2009
16	42	Minnesota Science & Technology Hall of Fame: Induction, Certificate, 2008. Includes Marge Andersen's event badge.
7		Minnesota Science and Technology Hall of Fame: Medal, 2008
16	43	Minnesota Technology Association: Correspondence and Articles about Hall of Fame Induction, 2008
16	44	Minnesota Technology Association: Documents related to Tekne Award, 2000
		Minnesota Technology Association: Tekne Award, Glass Plaque, 2000

		Museum of Broadcasting Hall of Fame: Distinguished Service Award, Plaque, 2007
14	9	National Academy of Engineering, The: Certificate of 25th Anniversary, Certificate, 2015
16	45	National Academy of Engineering: Documents related to Fritz J. and Dolores H. Russ Prize, 2001
14	10	National Academy of Engineering: Fritz J. and Dolores H. Russ Prize, Certificate, 2001
7		National Academy of Engineering: Fritz J. and Dolores H. Russ Prize, Medal, 2001
14	11	National Academy of Engineering: Membership, Certificate, 1990
16	46	National Academy of Engineering: Fritz J. and Delores Russ Prize, Congratulations, 2001
		New Cardiovascular Horizons: Achievement Award, Framed announcement, 2007
16	47	New Cardiovascular Horizons: Achievement Award, documents related to, 2007
16	48	New York Academy of Sciences, The: Recognition of being Elected, Certificate, 1982
		North Hawaii Community Hospital Inc: Plaque, 1991-2008
16	49	North Hawaii Community Hospital: Award for Promoting Leadership Development, Certificate, 1998
		NSFRE-Aloha Chapter: Outstanding Philanthropist, Glass Plaque, 2000
16	50	NSFRE-Aloha Chapter: Outstanding Philanthropist, documents related to, 2000
16	51	Office of Senator Brian Schatz: Birthday Letter for Earl's 90th, Certificate, 2014
16	52	Pacific Buddhist Academy: Inspirational Service Award, Documents, 2008
		Pacific Buddhist Academy: Inspirational Service, Glass Paperweight, 2008
16	53	Polynesian Voyaging Society: Legend of Hope Award, Statement, 2018
7		Regents of the University of Minnesota: Outstanding Achievement Award, Medal, 1981
14	12	Rotary Club of North Hawaii: Family of Rotary Recognition, Certificate, 2009-2010
16	54	Rotary Foundation of Rotary International, The: Paul Harris Fellow, Certificate (2), 2005-2006
7		Rotary Foundation of Rotary International, The: Paul Harris Fellow, Medal
16	55	Royal Order of Kamehameha-Kohala: Ali'i, Certificate, 2015
16	56	Royal Order of Kamehameha I, Moku O Kohala: Honorary Member, Certificate and Medal, 2013
16	57	Salvation Army, The: Thanks, Certificate, undated
		Science Museum of Minnesota, The: Achievement Award for Leadership in the Business Applications of Science and Technology, Rock, 1988
7		Science Museum of Minnesota: Achievement Award, Medal, 1988
16	58	Society of Thoracic Surgeons, The: Earl Bakken Scientific Achievement Award, Certificate, 2013

7		Solemn Mysteries of the Ancient Order of the Deep: Trusty Shellback, Medal, 2009
		Solution Point: Best in Class Award for Customer Satisfaction for North Hawaii Community Hospital, Glass Plaque, 1997-1998
15	2	St. Thomas: Centennial Medal, Certificate, 1986
16	59	St. Thomas: donation thank you, Certificate, 2008
14	13	State of Hawaii Senate: Certificate, 1999
16	60	State of Hawaii: Proclamation, Certificate, 1997
14	14	State of Hawaii: Proclamation, Certificate, 1997
14	15	State of Minnesota: Proclamation, Certificate, 1989
16	61	Texas Heart Institute: Texas Heart Institute Innovator Award, letter, 1998
		The Works: Founders Circle, Plaque, 1996
14	16	Tulane University: Honorary Doctorate, Certificate, 1988
16	62	Tutu's House: Contribution to the health and wellbeing of the community, Certificate, 2002
16	63	Union University Albany College of Pharmacy: Honorary Doctorate, Certificate, 1995
14	17	United States Senate Business Advisory Committee for State of Minnesota, Induction, Certificate, 1961
14	18	Universal College of Electro-Therapy: Doctor Electricae Medicinae, Certificate, undated
		University of Hawai'i and the Center for Strategic Advancement: Recognition for his insight and contributions, Plaque, 2003
7		University of Hawai'i at Hilo: Keynote Commencement Speaker, Medal, 2004
16	64	University of Hawai'i: Honorary Degree, Certificate, 2004
16	65	University of Hawai'i: Recognition for his Contributions, photo of award, 2003
16	66	University of Minnesota Alumni Association: Life Member, Certificate, 1980
		University of Minnesota Biomedical Engineering Institute: Recognition of Commitment, Glass star on stand, undated
		University of Minnesota Cardiac Arrhythmia Center: Acknowledge Generosity, 2013
		University of Minnesota Center for Spirituality & Healing: Spirit of the Center Award, Photo Collage, 2010
16	67	University of Minnesota Center for Spirituality & Healing: Spirit of the Center Award, Documents related to, 2010
8		University of Minnesota Graduation Stole, undated
16	68	University of Minnesota Heritage Society: Honors, Certificate, undated
		University of Minnesota Institute of Technology Alumni Society: Leadership Award, Globe on Stand, 1993
		University of Minnesota Institute of Technology: A Salute to Founders, Glass plaque with stand, 1992
16	69	University of Minnesota Medical School: Articles about Honorary Doctor of Medicine, 2007
16	70	University of Minnesota Medical School: Commendation, Certificate, undated.
16	71	University of Minnesota Medical School: Honorary Degree, Certificate, 2007
		University of Minnesota Presidents Club: Builders Society, Sculpture, 1999

14	19	University of Minnesota: Bachelor of Electrical Engineering, Certificate, 1948
		University of Minnesota: Design of Medical Devices Conference Award, Glass Bowl on a Pedestal, 2018
16	72	University of Minnesota: Outstanding Achievement Award, Certificate, 1981
16	73	University of Missouri St. Louis: Honorary Degree, Commencement Program and Correspondence, 2008
16	74	University of Missouri St. Louis: Honorary Doctorate, Certificate, 2008
15	3	<i>USS Minnesota</i> , The: Honorary Commissioning Committee Member, Certificate, 2013
16	75	<i>USS Minnesota</i> , The: Honorary Commissioning Committee Member, Commissioning Documents, 2013
14	20	Watson Caring Science Institute: The Visionary Caring Science Award, Poster and Program, 2008
16	76	Watson Caring Science Institute: Visionary Caring Award, Documents, 2008
		Watson Caring Science Institute: Visionary Caring Science Award, Statue, 2008
16	77	Whale Securities Corp: Med-Tech Achievement Award, Letter, 1984
16	78	Woodwind Hospital: Certificate, undated
Gifts		
16	79	80 th Birthday cards from Medtronic Neurological and Neuro Creative Services, 2004
6		Anderson, Patrick MDT: Frame for Transcatheter Heart Valve, 2016
12		Anderson, Patrick: Small Dragon, 2016
4		Bagley, Wendy: Wafer, 2015
		Bakken Fellows, The: "Night and Day", Light up display, 1989
16	80	Bakken Invitation Award, The: Photo Book, 2016
16	81	Bakken Museum: Mary and Her Monster Exhibit Book, 2016
16	82	Bakken Museum: Mount Rushmore of Med Tech, photo, 2012
		Bakken Research Center: Desk Display, undated
		Bakken, Florence (Earl's Mom), Anderson, Craig, Anderson, Marge(Earl's Sister): Clown Music Box, 1986
16	83	Barker, Linda Toms: Letter and Memorial program for Ron Toms, 2006
6		Bornhoft, Reid: Intellis with AdaptiveStim Device, given 2018
		Bowl of Light, Gifted to Earl on his 90th Birthday from Bakken Hale Staff, Created by Ernest Alphonso, 2014
17	1	College of St. Catherine: Thesis by Kellie Gallagher, 2003
17	2	COPE-HCV Clinical Trial Team: Photo Journal, 2011
		Core PD Firmware Organization: 82nd Birthday Poster, 2007
		CRDM RA/DA Lab: Memorial poster, 2018
15	4	Customer Care Department of Medtronic Diabetes: Thank you card, undated
6		Davison, Justin, MDT: Wire Stent, 2015
17	3	Dobbins, Scott: MN Chapter of Team in Training, picture and note, 2016
		Dr. Kruse, Ib: Hand Carved Wooden Spoon by Frans Johansson and letter from Dr. Kruse, given 1977
		DuRose, Steven and Colleen: Framed print, 2016
17	4	Earl and Doris's names as a shark, signed by artist, 2009

		Eggen, Michael D.; McVenes, Rick; Borash, Mark J.; Iaizzo, Paul A.: Functional CRT and 3D Printed Human Heart, 2014
		Fujimoto, Hiro and Shirai, Kenichiro (Producers of): Replica 5800 Prototype
4		Gerrish, Paul: Silicon Wafer, undated
6		Girard, Erica: Prototype STIM II model 3058 device and model 3531 device, 2016
		Goldberger, Max: Tektite with Stand, 2011
		Halona: Wooden Canoe made of Koa from the Voyaging Canoe Hokule'a, 2006
17	5	Harrell, John W.: The Secret Laboratory Journals of Dr. Victor Frankenstein by Jeremy Kay, given 2001-2005
6		Holt, Mark, MDT: Mechanical Heart Valve, 2016
		Hudziak, Larry: Stone Heart, Given 2006
		Iaizzo, Paul: University of Minnesota Visible Heart Laboratory model heart with model Micra pacer implanted, given 2016
		Johnson, Chris: Prosthetic Knee joint, 2016
17	6	Kamehameha Day: Parade Photo book, 2006
17	7	Keegan, Tom: <i>The Loveable Irishman</i> , Photo Book, 2014
		Koa and Wenge Wooden Bowl with note: "To Earl; Me Ke Aloha Moku O Kohala", 2016
17	8	Koch, Lyla Jane: Photo and Doll, Given 1986
17	9	Kusumoto, Nouka; Inoue, Hidehito and Masako: Letter and Pictures, 2001
6		LaSalza, Suzanne MDT: Pipeline Wire Mesh tube, 2016
12		Lindahl, Sten and Ulla: Kongl Carolinska Medico Chirurgiska Institutet Cufflinks, Given 2014
17	10	Lindahl, Ulla and Sten: Sketches of Science, 2014
17	11	Lindemans, Fred: <i>Twenty Years of Medtronic Bakken Research Center</i> , DVD, 2007
		Llona, Frank: <i>The Kingdom of Medtronic</i> , Written 1979, Given 2012
17	12	Lloyd, Chris: Symbols layout, printout, 2013
9		Mahat, Bhim Bahadur: Red Sash, 2015
17	13	Mauna Kea Sunrise from Christian, 2010
17	14	Medtronic Employees' notes to Earl for his 80th Birthday, 2004
17	15	Medtronic Employees: Note book of notes, 2017
		Medtronic Japan: Framed "Dreaming" Kanji, 2015
17	16	Medtronic Philanthropy Team: Photo book for Earl's 90th Birthday, 2014
17	17	Medtronic Philanthropy Team: Photo book, 2015
17	18	Medtronic VSP Club, Letter to Earl, 2007
		Micro-Rel: Wooden Figure with wolf hood in display case, given 1996
14	21	Miller, Sam H.: The Wall Street Journal Marketplace section, 2006
6		Morrison, Matthew M.: Spine Screws, given 2017
17	19	Neurotic Soles: Photo book, 2017
17	20	Neurotic Soles: Ragnar run Announcement, 2016
10		Nichols, J.: "Cardiopoly" Game Board, Ceramic, Post 1997
17	21	Nordenström, Björn: The European Journal of Surgery, 1994
17	22	Patterson, Robert and Polla, Dennis, Thank for generosity, photo plaque, 2005-2010

		Piemonte, Kate: Whale Figure on stand, 2014
17	23	Postcard from Noel Blair, 1995
		Poyner, Annette: Freestyle Tissue Valve, Core Valve Tissue Valve, and Contour 3D Tissue Valve Repair on display, given 2017
14	22	Ray, Marcia: "Honua" - The World of Ancient Polynesian Voyaging, Print, giving 1997
6		Reiterer, Marcus, MDT: LINQ II, 2017
4		Reiterer, Marcus: Solitaire Platinum Revascularization Device, given 2017
		Romero, Carrie: Glass Heart with message, 2018
14	23	Scanlan, Timothy: Matted print of "The Bridge Builder" poem by Will Allen Dromgoole, photo and letter, given 2009
6		Shigeta-Koch, Anne: Tracheostomy Tube, 2017
		Shimada, Takashi: Mission Statement in Japanese, 2016
12		Stillings, Dennis: Ancient Sumerian Amulet, undated
6		Swiss Medtronic Operations: New Years Gift, Mounted Pacemakers, undated
13		Tejima, Tomoyoki: Empty Flash Drive, given 2016
		Tsinghua University decorative plate from Tsinghua Alumni Association of Minnesota, 2006
17	24	University of Minnesota Department of Surgery: Birthday Wishes, 2014
9		University of Minnesota Medical School: Doctor's Coat, undated
17	25	Unknown: Norman Rockwell's Christmas Book, 1979
		Valve Research Group Rikshospitalet: Norwegian Flag on Stand, 1981
17	26	Vitousek, Sharon: Frankenstein: The First Two Hundred Years by Christopher Frayling, 2018
17	27	Wagner, John: Hardcover Copy of Frankenstein, 2014
		Weir, Meredith MDT: Nuro External Neurostimulator, 2016
		White Bear Lake 6 th Grade Science Class: "Celebrating Earl Bakken," 2011
		Yamada, Denis: "Naga iki" watercolor, undated
		AdvaMed: Lifetime Achievement Award, Bowl with Stand, 2014

Series 3: Professional Activities

This series includes pieces and papers related to Earl's professional life. The majority of this series related to the history of Medtronic, though, as noted above, materials related directly to Earl's tenure as leader of Medtronic would be found in Medtronic's archives. Also of note are materials related to The Archaeus Project and materials related to Earl's work creating a Whale EKG.

Box	Folder	Description
18	1	11 th International Conference on Mechanics in Medicine and Biology Speech, 2000
18	2	"\$17.2 million gift will start Clinic Heart Brain Institute" article from <i>The Plain Dealer</i> , 2004
18	3	1 st International Leadership Forum on Cardiovascular Health on the 21st Century: A Focus on the Woman's Heart, Speech and Program, 1999
18	4	3 rd Annual Bakken Symposium Presentation, Schedule, and Communications, 2009
18	5	5 th Annual Alternative Therapies Symposium and Exposition Speech, Program, and Correspondence, 2000
18	6	5 th Annual Cardiovascular Update from the Cardiovascular Center Acceptance Speech, Program and Correspondence, 2012
		Abbot-Northwestern Hospital Inc: Medal in Resin, undated
18	7	Acute Care Design: Healing Environment Case Study-North Hawaii Community Hospital by Earl Bakken and Patrick Linton, 1995-2005
12		American Heart Association: Glass Medallion, undated
18	8	<i>American Heart Journal</i> : The Theoretical and Experimental Bases of the Frontal Plane Ventricular Gradient and Its Spatial Counterpart, 1954
18	9	<i>American Heritage of Invention & Technology</i> , Magazine, Spring 1997
18	10	American Institute for Medical Biological Engineering: AIMBE Status letter, 2003
24	18	Anatychuk, L. I.: "Thermoelectric Recovery of Low-Grade Heat," CD
18	11	Andrews, Carl B., "A Hypothesis Regarding the Use of the Divining Rod in Locating Underground Water," Hawaiian Engineering Association, 1916
18	12	<i>Archaeus Project</i> , The: Collection of Articles and Publications
18	13	<i>Archaeus Project</i> , The: Vol. 1 1983
18	14	<i>Archaeus Project</i> , The: Vol. 2 1984
18	15	<i>Archaeus Project</i> , The: Vol. 3 1985
18	16	<i>Archaeus Project</i> , The: Vol. 4 1986
18	17	Articles about Earl, various, 1995-2010
18	18	Association for the Advancement of Medical Instrumentation Speech, 1996
18	19	Assorted Conference Name Tags (2 Bakken Invitation undated, AdvaMed 2014, 2 unknown undated)
11		Assorted Medtronic Beanie Babies, undated
18	20	Bakken and Brown World Health Awards Speech and Program, 2005
18	21	"Bakken breaks ties with hospital" article by Terrie Henderson for <i>Hawaii Tribune Herald</i> , 2008

18	22	Bakken Concept for an Innovative Method of Structuring and Financing a Medical Center, 1971
18	23	Bakken Heart Brain Institute Event Honoring Earl and Doris Bakken Speech, Schedule, Program, and Correspondence, 2011
18	24	Bakken Heart Brain Institute Event Honoring Earl, documents, 2010-2011
18	25	Bakken Heart Brain Institute Mauna Lani Event, 2011
18	26	Bakken Heart Brain MLBH Speech, 2000
18	27	"Bakken honored for contribution to community" article from <i>West Hawaii Today</i> , 1995
24	14	Bakken Invitation Celebration, DVDs, 2013
18	28	"Bakken Invitation: Living on, giving on" article by Karin Stanton for <i>Hawaii</i> 24/7, 2013
18	29	Bakken Invitation newsletter, 2015
24	15	Bakken Leadership Institute, "Voyagers," CD, February 2005
18	30	Bakken Museum Programs and Activities Flyer, 2003
24	17	Bakken Museum: "The Bakken Video Game," CD
18	31	Bakken Patches, 1998-2010
18	32	"Bakken severs NCHC ties" article by Erin Miller for <i>West Hawaii Today</i> , 2008
		Bakken Way Street Sign, undated
18	33	"Behind a Hospital's Fund-Raising Success: A Man With a Tame Ego" article in <i>The Chronicle of Philanthropy</i> , 2004
24	19	Bingham, Greer: "Toward Man's Full Life," MN History Day Project, DVD, 2011
18	34	Biographical Information on Earl Bakken, 1998-2014
18	35	Business Card and Invite to Earl's Hawaiian Office, 2010
18	36	C. Walton Lillehei Memorial Booklet, 1999
18	37	CDRM President's Club Presentation, 2008
18	38	Chamber of Commerce Economic Development Commission Speech notes, 1997
18	39	"A Change of Pace" article by Kim Kiser for <i>Minnesota Medicine</i> , 2006
18	40	Chefs De Cuisine Presentation, 2001
18	41	Christmas Aloha-Bring Peace to Humanity, a Talk by Earl for the Medtronic 'Ohana (Employees), slides, speech notes, and lyrics to "Aloha 'Oe" 2006
18	42	"Chronobiology: A Science in Tune with the Rhythms of Life," 1986
18	43	Chronobiology Conference Speech Drafts, Presentation, and Correspondence, 2012
18	44	Circadian Hyper-Amplitude-Tension (CHAT): A Disease Risk Syndrome of Anti-Aging Medicine article, 1998
18	45	Cleveland Clinic gets \$17.2M for brain research" from unknown newspaper, 2004
		Cleveland Clinic: Heart-Brain Award, Glass, undated
24	20	Cleveland Clinic: Heart-Brain Medicine Talks, 2004-2011
18	46	Cleveland Clinic: Letter from Delos M. Cosgrove, 2011
		CMO Teams: Bakken Buck, 1993
18	47	Commencement Address to the Institute of Technology at the University of Minnesota, 1993

18	48	Community Meeting on NHCH Status Speech, 2008
18	49	Complimentary Medicine in Hawaii Talk, 1995
		CRFH Patient Services: Framed photo with notes from employees, 2016
24	21	Cudahy, Michael: Tour of Otto Schmidt's Lab, DVD, 1983
18	50	"Cyberphysiology: The Science of Self-Regulation", Archaeus Project Publication, 1988
24	22	Davis, Jason (KSTP): "Minnesotans in Hawaii," CDs/DVDs, 25 February 2006
18	51	Dinner Event Honoring Tom Holloran Comments by Earl, 2006
		Document Bag with Name tag, undated
24	23	"Dystonia," English and Japanese, CDs, 2013-2017
24	13	Earl Bakken Interviews, Cassette and CDs/DVDs, 2001-2009
24	11	Earl Bakken Speeches and Talks, CDs/DVDs, 1992-2014
23	1	Earl Bakken Talk: "The Economics of Holistic Health," VHS, January 1986
18	52	Earl Bakken Website, 2005
		Earl Bakken-Platz Street Sign, undated
18	53	"Earl Bakken's Hawaiian Experiment" article by John R. Engen for <i>Corporate Report Minnesota</i> , 1993
18	54	"Earl Bakken's Little White Box" Article by David Rhees and Kirk Jeffery, 1998-1999
		Earl Bakkenstraat 10 Street Sign, undated
23	6	Earl E. Bakken Device Center, Video on USB Stick by Dr. Art Erdman, 12 September 2017
18	55	Earl's Medtronic ID
18	56	Earl's Other Medtronic Inventions, 2015
18	57	Earl's Quality of Life Circle, 1995-2010
18	58	Earl's Reflections on Leadership for Medtronic's 40th anniversary and Attributes of a Leader, 1989, attributes revised 2010
18	59	Earl's Resume, 1946-1948
18	60	Email from Jessie Hull, 2010
18	61	Enriching Life Through Biomedical Technology" Program from the opening of "About Bionics and Transplants: The World of Replacement Medicine" at the Science Museum of Minnesota, 1989
		Fairview Heritage Society: Founding Member, Desk Plaque, 1989
18	62	First Pacemaker Schematic (not original) and Email 2012
18	63	Five Mountains Hawaii Speech, 2001
18	64	For the Year 2020-Hawaii Island, 2000-2003
18	65	"Future of the Island of Hawai'i, The" a manifesto by Earl Bakken, 2015
18	66	"George to lead new ethics center: Retired Medtronic CEO to launch awards series" article from <i>Star Tribune</i> Business section, 2003-2009
24	24	Georgopoulos, Apostolos: Interview on "Brain Music," CDs, 2006
24	26	Goor, Daniel: "The Genius of Lillehei and the History of Open Heart Surgery," CD
24	25	Greene, Mitchell: "Earl Bakken: Ready, Fire, Aim!" DVDs
18	67	Halberg, Franz: Bibliography 1946-1985, 1986
		Hard Hat with name tag, undated

18	68	Hawai'i Community Foundation and Hawai'i Island Leadership Council, 2003
18	69	Hawaii Heart Brain Center at North Hawaii Community Hospital folder, 2005
18	70	Hawaii Hotel Association Speech, 1996
18	71	Hawai'i Island Healing Island binder, 2004
18	72	Hawai'i Island Healing Island binder, 2008
18	73	Hawai'i Island Healing Island binder, 2016
18	74	Hawaii Island Leadership Series-Ulumau Speech, 2008
18	75	Hawaii News Articles about Earl, 1996-2009
18	76	Hawaiian Electric Co. Speech and Interview questions, 1997
18	77	Health and Wellness for NW Hawaii Talk, undated
18	78	Health Solutions: Defining the Future of Healthcare Program Speech, Schedule and Correspondence, 2014
24	27	Heart Rhythm Foundation: "Rhythms in Time: Invention of Cardiac Pacing," Interviews on CDs, 1990-2002
12		Heart Rhythm Society: 25th Anniversary, Medallions on Ribbon, 2004
18	79	Heerlen Building Construction information, 2002
		Hippocratic Oath, Plaque, undated
18	80	"History of Pacing, The" booklet and letter from Onie, 2001
18	81	Holiday Message to Medtronic, 2008
18	82	Honorary Degree from University of Hawaii-Hilo Speech and information about Honorary Degrees, 2004
18	83	Hualalai Academy Letter from Principle and Speech Notes, 1997
12		IEEE Engineering in Medicine and Biology Society (EMB): Pin, undated
18	84	IEEE Engineering in Medicine and Biology Society International Symposium Speech notes and slides, 2009
18	85	IEEE Transactions on Biomedical Engineering Contributors, 1973
18	86	Ihrig, Elizabeth: Retirement Letter, 2012
		Implantable Cardiac Devices Poster, 2011
18	87	"Inspired" Newsletter from Bakken Foundation, 2016
18	88	Institute of Electrical and Electronics Engineers Inc, The: I.E.E.E. News, "Bakken Pacemaker Designated as International Milestone of Electrical Engineering", 1999
18	89	Interview with Kenneth Riff, questions and correspondence, 2009
18	90	Introduction to Chronobiology" Medtronic Chronobiology Seminar #7 by Germaine Cornélissen and Franz Halberg, 1994
18	91	Inventors Recognition Banquet invitation, Email from Michael Leckrone, Speech research notes, 1999
18	92	"Island Issues" Radio Show interview correspondence, 2006
		Island Symposium on Cardiac Pacing: Faculty Member, Commemorative Scissors in Wooden Box, 1985
18	93	Kailua Kona Seniors Group talk, 1997
18	94	Kohala Ranch Talk to Homeowners, 1995
18	95	Lyons Club of Kona Health Care Dinner, 1999
18	96	"Making Medical Waves in Hawaii" article from <i>Star Tribune</i> , 1995-2000
14	24	<i>Mandala</i> UMN Magazine: Issue on Earl's Legacy, 2017

18	97	"Manifesto on the Future of the Island of Hawaii" By Earl Bakken and Hawaii Island Economic Summit, 2011-2012
18	98	Master of Business Administration Students at St. Thomas Diary Entries about Earl, 1986
		Med Rel, Inc.: Grand Opening Ceremonies Commemorative Box, 1979
13		Medical Alley Association: Wooden block, undated
18	99	Medical Alley Bylaws, 2000
		Medical Graphics Corporation: Glass Dish, undated
18	100	"Medical Mechanic" Natural Science article by Alice M. Vollmar, 2003
24	10	Medtronic and UMN Medical School: "The Visible Heart Viewer," 2004
19	1	Medtronic 50 years of pacing card collection, 1999
19	2	Medtronic ASPIRE telecon notes, 2010
12		Medtronic Ave Pen
19	3	Medtronic badges, 3, undated
19	4	Medtronic Binder from Earl's Office, 2016
19	5	Medtronic CEO's Speech at CEO Summit, 2000
12		Medtronic Earl Bakkenstraat Pen
19	6	Medtronic Employees: Notebook with notes from employees, 2017
		Medtronic Foundation: 40 th Anniversary and Billionth Dollar donated Celebration, Plaque, 2018
19	7	Medtronic Holiday Program Talk by Earl, 2001
19	8	Medtronic Holiday Talk Speech and donation packet, 2011
		Medtronic Logo Medallion oversized, undated
19	9	Medtronic Mission and Medallion Ceremony, PowerPoint, undated
19	10	Medtronic Museum Headquarters Letterhead, 1974-1976
19	11	Medtronic Neuromodulation Rice Creek Grand Opening Celebration Speech, 2008
19	12	Medtronic Presidents Club meeting with Winners from Asia, 2012
19	13	<i>Medtronic Pulse</i> : Vol. III, No. 2, 1967
19	14	Medtronic Sticker: Towards Man's full life sticker, undated
19	15	Medtronic Stock, Copies of documents, documents from 1960, copies of unknown date
19	16	Medtronic Sullivan: Stress-Test Card, 1989
19	17	Medtronic Technical Forum notes, historical documents, compiled 2003
		Medtronic Tempe Campus: Framed Logo, undated
		Medtronic Visible Heart Laboratory: Heart Atrium Model on plaque, undated
19	18	Medtronic Vogel Meeting, Earl's Speaking Notes, 2009
7		Medtronic: "Toward Full Life" Medallion, undated
7		Medtronic: "Toward Full Life" Medallion, undated
7		Medtronic: "Toward Full Life" Medallion, undated
		Medtronic: 20 Years in Mexico, Desk plaque, undated
7		Medtronic: 25 th Anniversary Medallion, 1974
7		Medtronic: 25 th Anniversary Medallion, 1974
		Medtronic: 40 th Anniversary, Glass vase with base, 1989
7		Medtronic: Board of Directors Europe, Medal, 1992
12		Medtronic: Cardiac Compass Trends, Compass, 2003

24	3	Medtronic: Celebrations and Dedications, CDs/DVDs, 1968, 2003-2015
		Medtronic: Display Case with Test model 5800, undated
24	4	Medtronic: Employee Holiday Programs, CDs/DVDs, 2004-2017
7		Medtronic: Heart Medallion with Earl's Portrait, undated
24	7	Medtronic: Heritage Circle, CDs/DVDs, 2013-2014
24	5	Medtronic: History and New Employee Orientation, CDs/DVDs, circa 2010
7		Medtronic: Live On Give On Bakken Invitation, Medallion, undated
7		Medtronic: Medal, 1973-1980
7		Medtronic: Medal, 1980-1999
7		Medtronic: Medal, 1999-2015
7		Medtronic: Medal, 1999-2015
7		Medtronic: Medal, 1999-2015
		Medtronic: Micra Transcatheter Pacing System, Desk Display case, undated
		Medtronic: Mission, Granite Cube, 1993
24	8	Medtronic: News Coverage (KARE 11 and MSNBC), CDs/DVDs, 2005-2009
		Medtronic: Oversized Medtronic Medallions and plaque, undated
23	5	Medtronic: Overview, USB Stick, undated
24	1	Medtronic: Presentations and Talks, CDs/DVDs, 2004-2015
14	25	Medtronic: Reason We Celebrate, poster, 1999
		Medtronic: Recognition for 20 years of Dedicated and Support, Desk Display, 1982
		Medtronic: Record of Sales Achievement, 1975
		Medtronic: Resin Replica of Jewel Device, undated
24	9	Medtronic: Sudden Cardiac Arrest and ICD Public Awareness Campaign, CD, January 2007
		Medtronic: Thank you from Employees, Desk Plaque, 1999
7		Medtronic: Towards Man's Full Life Heart, Medallion, undated
24	2	Medtronic: Town Halls and All-Employee Meetings, CDs/DVDs, 2004-2017
24	6	Medtronic: Tributes and Recognition to Earl, CDs/DVDs, 2007
19	19	"Meet the Humble Garage that Birthed the Modern Pacemaker" Article for the <i>Atlantic Mobile</i> by Monica Smith, 2012
19	20	Methodist Hospital Talk, 2006
		Mini 5800 Prototype in Resin Paperweight, undated
19	21	Minnesota Business Futures Preferred Stock, 1989
19	22	<i>Minnesota Medical</i> Special Issue, 1988
19	23	<i>Minnesota: The Magazine of the University of Minnesota Alumni Association</i> featuring "The Old Guard" drawing, May-June 1996 edition
19	24	MMCI Board Chairperson's Ad Hoc Meeting, 1974-1975
19	25	Monday Profile of Earl from Star Tribune, 1989
19	26	Motley Fool: "Medtronic's Hundred Year Business Plan" and print outs, 2000
24	28	Native Hawaiian Center of Excellence: "Ke Ala Pa'a: Pathway to Medicine," CD
19	27	"Need business advice? Ask Earl at the fair" article from <i>Star Tribune</i> , 2004
19	28	New Cardiovascular Horizons Speech, 2007
19	29	<i>Newsweek</i> : Earl Bakken Scientific Achievement Award, Article, 2013
19	30	NHCH A Night with Earl and Friends Speech, 2006

19	31	North Hawaii Community Health data, 2003
19	32	North Hawaii Community Hospital and Five Mountains: talks, 1997
19	33	North Hawaii Community Hospital and Queen's Medical Center: acquisitions informational handouts and speech, 2014
19	34	North Hawaii Community Hospital: Letter from Medical Staff, 2008
		North Hawaii Community Hospital: Member of the Board of Directors, Plaque, 2002
7		North Hawaii Community Hospital: Mission Statement Medallion, undated
		North Hawaii Community Hospital: President of the Board of Directors, Plaque, 1999
19	35	North Hawaii Community Hospital: Speeches from Groundbreaking to Grand Opening, 1994-1996
10		North Hawaii Community Hospital: Stained Glass Crest, plastic, undated
19	36	North Hawaii Community Hospital: Speech at Maua Lani, 2005
19	37	Orders & Decorations of the Netherlands, 1985-1995
19	38	Original Pacemaker Schematics Copies, undated
19	39	Otto Schmitt, writings by and about, 1986-2004
19	40	"Pain-killing buzzer a joy" article about Jerry Lewis by Janet Moore in <i>Star Tribune</i> , 2004
19	41	Palmer Hermundslie's Retirement Reception Speech, 1970
19	42	"Papa Henry Auwae Po'okela La'au Lapa'au: Master of Hawaiian Medicine" Interview by Bonnie Horrigan, 2000
19	43	Parker School Speeches, 1995-2005
19	44	Patent for Pacemaker, 2006
19	45	Pavek Museum of Broadcasting Flyer, 1995-2005
19	46	"Peeking at Plaque" article from Forbes, 2004
19	47	Prescription Pad: Dr. Earl E. Bakken
19	48	Prescription Pad: Earl E. Bakken MD
24	29	Peterson, Tom: "Ben Franklin's Electrical Experiments Then, and Now," CD, 15 April 2005
24	30	Philanthropic Collaborative for Integrative Medicine, Report on CD
14	26	<i>Pictures of Health</i> Page with Earl Feature, 2008
19	49	Pioneers of the Medical Device Industry in Minnesota, An Oral History Project: Earl Bakken and Dr. C. Walton Lillehei, 2002
19	50	Pioneers of the Medical Device Industry in Minnesota, An Oral History Project: Earl Bakken, 2002
24	31	PITCH: Pediatric Integrative Therapies in Children's Hospitals, Instructional DVD
19	51	Plan for the Fiscal Year 1971-1972, The: Medtronic, 1971-1972
19	52	President's Club: Trip Summary, 1995
19	53	President's Club: Trip Summary, 1997
		Principles and Perspectives in Interventional Cardiology, 2004
19	54	Private Industry Council Speech, 1999
19	55	"Project 2010" Lectures by Earl Bakken, 1992
24	12	Puerto Rico and the Pacemaker Sonata," Text with CDs, "Pacemaker in C Minor"

19	56	Pueschel, Susan: Fax, 1998
19	57	Punahou School Speech, 1998
19	58	Queens Cardiologists Speech, 1992
		Regents of the University of Minnesota: 6th Annual Bakken Symposium, Desk Plaque, 2012
19	59	Re-Inventing Medtronic Speech, 1994
19	60	Request for letter of recommendation for Dr. Leslie A. Geddes nomination for an award, 2004
19	61	Riverside County Foundation for Medical Care, 1999
19	62	S & T Odyssey Leadership program, Earl's Talking notes, 2004
19	63	Salomie, Alexandre: Resume and research on Spin 3D Software, 2010
19	64	Schmitt, Otto: Article written by J.M. Harkness for <i>Physics in Perspective</i> Vol. 4 No. 4 and <i>IEEE Engineering in Medicine and Biology</i> Vol. 23 No. 6 dedicated to Otto Schmitt's life, 2002, 2004
19	65	"Scientists create beating hearts in lab" article by Julie Steenhuisen for <i>Reuters</i> , 2008
24	16	Second Archaeus Congress Talks, DVD, January 1989
23	2	Second Archaeus Congress Talks, VHS, January 1989
19	66	"Short History for the Electrical Stimulation of Excitable Tissue Including Electrotherapeutic Applications" by L.A. Geddes, and letter from L.A. Geddes, article from 1984, letter from 2006
19	67	Short History of Electotherapy in England To About 1880: Museum of Electricity in Life at Medtronic, 1974
19	68	Sixth World Biomaterials Congress Speech and Program, 2000
13		Slide Ruler, 1947
13		Slide Ruler, undated
15	5	Speech from Sam, undated
19	69	Speeches for Unknown Events, Circa 1970-2014
19	70	<i>Star Tribune</i> : Top Minnesotans of the Century article, 1999
		<i>Star Tribune</i> : "Medtronic mission statement inspires" by Lee Schafer, 2018
19	71	State Health Planning and Development Agency of Hawaii and Safety Health and Consumer Council, Documents related to Speech, 1997
19	72	State of Hawaii: Governor Linda Lingle's Update, Article, 2004
19	73	Subject Property Vicinity Map for 2016 land donation to the Kohala Center, Map created by Ford Canty & Associates Inc for Ms. Allene H. Wong, 2016
19	74	Sudden Unexplained Death Syndrome Conference: Earl's Speech notes and Study Results, 2002
19	75	Sullivan, Pat, 2003
		Supreme Court of the United States: Ruling, Plaque, 1990
19	76	Talk on Chronobiology, 1989-1999
19	77	Talk to Prof. Secretaries at Canoe House, 1995
19	78	Texas Heart Institute: Peripheral Interventions for Cardiovascular Specialist, invitation, 1999
19	79	Third International Symposium on Asia Pacific Architecture Speech and Program, 1999
24	32	TPT Productions, "The New Medicine in Minnesota," 29 March 2006

19	80	"Turning Medicine Around" pamphlet by Earl Bakken, 2000
19	81	Twin West Chamber of Commerce: <i>Directions</i> Magazine cover, 2004
		United States Patent: Plaque, 2006
19	82	United States Senate office of Daniel K. Inouye, letter, 1999
19	83	United States Small Business Administration: Kona-Kohala Small Business Awards, program, 2009
19	84	University of Hawaii at Manoa Commencement Address, 1997
19	85	University of Hawaii at Manoa Pacific Coast College Health Association 61 st Annual Conference Speech, Program and Correspondence, 1997
19	86	University of Hawaii-Hilo Graduation Speech documents, 2004
19	87	University of Minnesota 4 th Annual Lillehei Heart Institute Symposium group photo, 2004
		University of Minnesota Department of Surgery: Commemoration of Invention of 5800, Plaque, 2006
15	6	University of Minnesota Earl E. Bakken Center for Spirituality & Healing: Poster, undated
19	88	University of Minnesota Medical Schools "Medical Bulletin" and Earl's Connection to the University, 2002
19	89	University of Minnesota President's Club: Wooden Membership card, undated
13		University of Minnesota Visible Heart Laboratory: Wooden Medallion
		University of Minnesota: 1 st annual Bakken Surgical Device Symposium, Poster in custom frame, 2007
		University of Minnesota: 4 th Annual Bakken Symposium, Pen Set, 2010
		University of Minnesota: Glass Name Plaque, undated
20	1	Vogel Meeting and Slides from Presentation on 50 years of Long-Term Pacing, 2009
20	2	Voyagers-Bakken Leadership Institute: "One Innovator's Journey", 2005
20	3	Waimea Community Plan, 2008
20	4	Watson Caring Science: Jean Watson's Card, undated
20	5	Whale EKG: Articles, articles from 1971-2011
20	6	Whale EKG: Correspondence, 1988-2011
20	7	Whale EKG: Print of Successful Readings with note reading "EKG obtained in Newfoundland on a Humpback whale caught in the ice. Earl Bakken, Dr. Frits Meijler, His Royal Highness Prince Bernhard, Dr. Hein Wellens, Ken Brennan", 1991
20	8	Whale EKG: Records and Notes, 1988-1998
		Whale Tooth (replica)
20	9	Women in Leadership Binder, Bedroom copy, 2016
20	10	Women in Leadership Binder, Mail Office Copy, 2018
20	11	Young President's Organization Presentation, Schedule, and Correspondence, 1999

Series 4: Personal Papers and Materials

This series includes materials related to Earl's personal life: his family, friends, hobbies, and personal interests. Pieces of note include Japanese artistic pieces, materials related to Earl's time in the Army Air Corp during WWII, and a variety of beautiful glass and stone hearts.

Box	Folder	Description
20	12	1944 Airborne Radar Manual sketches, 1944
		3D Model of Heart in glass cube, undated
		Abacus, undated
13		Apollo Space Pen, undated
		Army Air Corp patch: 1941-1945
		Assorted Marbles with Display Stand
13		Astronaut Space Pen, undated
12		Baccarat Glass Heart, clear
12		Baccarat Glass Heart, red
20	13	"Ballad of Earl Bakken" by David Rhees lyrics, 2007
21	196	Boone and Erickson, "The Lutfisk Lament," 33 1/3 Disk, 1981
20	14	Card and photos from David Rhees to Doris, 2000
20	15	Card from Jae and Diane, Circa 2002-2006
20	16	"Celebrating a Century in Christ" First Lutheran Church 100 th Anniv., 2012
		Ceramic Sculpture with Log on display stand, created by Loverin in Hawaii,
20	17	Christmas at First Lutheran Church, Card, undated
20	18	Christmas Card from Earl and Doris, 2006
11		Clown Doll with Pink Clothes
11		Cowrie Shell Necklace, undated
13		Cross with Birth of Jesus images
24	34	David and Suzanne Rhees: "The Ballad of Earl Bakken," CDs, 2007
24	38	David Grubin: "The Mysterious Human Heart," Boxed DVD Set, 2007
		Deutches Hygiene Museum: Model Heart with Stand
12		Diabetic, Type 2 Medical Bracelet
15	7	Dr. Seuss: <i>Happy Birthday to You</i> cover prints, 395/500, 2000
20	19	"Dreaming On" checklist and Dreams and Functions Document, 2005, 2007 and 2015 revisions included
		Dried Gourd with Salt
		"Earl Bakken Implanted March 3, 2001" Mini Plaque, 2001
20	20	Earl's Activities Youth Inspiration, Innovation and Support, 2005-2010
24	33	Earl Bakken's Music and Meditation CD Collection
20	21	Earl's 85 th Birthday email blast, 2008
20	22	Earl's Contributions to Science and Tech Education, 2007
20	23	Earl's Funeral and Memorial Service program, 2018
20	24	Earl's "Give Back for Extra Years" Letter, 2011
20	25	Earl's Pacemaker Collection, 2005-2010
11		Figure of Tawa, Sun God in Hopi Mythology, created by G. Hayah, undated
9		Floral Quilt, undated

		Frankenstein dish, undated
13		Frankenstein Figurines (3) and Abnormal Brain, 1997-2014
		Frankenstein's Laboratory under plastic cloche, undated
12		Fudan University: Medallion with University foundation dated on it, undated
20	26	Grand Marshall Duties for Earl, 1995-2000
20	27	Helman, Cecil: <i>The Body of Frankenstein's Monster</i> , 1992
		Indonesian Medicine Flask (purported by paper), undated
20	28	International Certificates of Vaccination, 1969-1983
12		Jade Necklaces (2)
		Japanese Dolls (ningyō), Created by Normura Yoshimitsu, obtained circa 1999
20	29	"Ka Maui O Hawai'i" Chant composed by John Kaimikuna for Earl, 2000
13		Kai'Opua Canoe Club: King Kamehameha Day Regatta, undated
11		Kukui Nut Necklace, undated
15	8	Landscape Woodblock Masterpieces by Hokusai and Hiroshige, undated
		Lapel Pin Collection, 1992-2012
12		Leather Pouch with Feather and Stick
20	30	Lederer, Susan E.: <i>Frankenstein: Penetrating the Secrets of Nature</i> , 2002
23	3	Leon Lederman: "Why Bother?," VHSs
20	31	Medtronic: Medical Device Identification card, 2009
11		Mgambo Seed Necklace, undated
24	37	Minnesota Historical Society, "Moving Pictures," DVD, 2007
7		Minnesota World War II Dedication Medal, 2007
13		"Monster" Woodcut Block, unknown artist, undated
20	32	North Hawaii Community Hospital Reception Dinner at Honuaia'i, 1997
20	33	Notes from Earl's Bedroom Notepad, 2017-2018
12		Ocean Sun Fish made of stone
20	34	Pacific Memorial Monument: Image of Earl's name and the monument at the Pacific Memorial Monument at the Marine Corp Base Hawaii Kaneohe, HI
23	4	PBS: "Transistorized!," VHSs, 1999
12		Polished Stone Heart, Blue and Green Iridescent
12		Polished Stone Heart, Pale Green with Dark Veining on the back
12		Polished Stone Heart, Red and Orange
13		Puzzle Cube with pictures of friends and colleagues, undated
		State of Minnesota: Great Seal Paperweight
		Steersman Glass plate, undated
		Straw Hat with green feather band, undated
9		Super Chairman Shirt, 1979
24	36	Theodore Roszak and John Perry: "The Monster Myth," DVDs, 1982
12		Thyberg, Todd M.: Mister F Accordion Story Cards, 2016
9		Tibetan Buddhist Ceremonial Scarves (Kataks), undated
24	35	Tinie Haagsma Birthday and Medtronic Videos, CDs/DVDs, 1994-2009
13		Wooden Cross
9		Woven Bag, undated
20	35	Youngblood, Ed: <i>A Century of Indian</i> , 2001

Series 5: Photographs

This series includes a large number of photographs that range across Earl's professional and personal lives. It includes photographs related to conferences, Medtronic, and philanthropic events, and photographs of family, friends, celebrations, and visitors. The majority of the photographs were taken after Earl retired from Medtronic (1990s-2010s), but some earlier photos of friends and colleagues were taken much earlier. This series is arranged in alphabetical order based on the individual or organization involved.

Box	Folder	Description
21	1	50 th Anniversary of Medtronic Mission photoshoot, 2010
22	1	Alexandre Salomie and Earl, Circa 2005-2010
22	2	Allen Zecha and Earl in Bali Circa 1979-1981, 2004-2006
22	3	Allen Zecha and Nora, 2008
21	2	Ambassadors of Aloha: Spread Aloha Around the World parade vehicle, 2006
22	4	American Academy of Neurology, Photo of Earl with Sandra Olson, Jay Rosenberg, and Kenneth Viste, from Cynthia Joyce, 2003
22	5	American Heart Association Fundraiser, 1994
21	3	American Heart Association Mended Hearts dinner, 2010
21	4	American Institute for Medical and Biological Engineering event, photos from Dennis Stillings, 2004
22	6	A/P President Club Award Dinner, photos from Amakusa, circa 1995-2000
22	7	Asian President's Club, 2000
22	8	Association for the Advancement of Medical Instrumentation Leadership and Achievement Award Event, 2011
21	5	Bakken and Brown Event, 2005
21	6	Bakken Challenge, Photos by Andrew Vick, 2013
22	9	Bakken Challenge, The, Photos by Andrew Vick and Kim Monsen, 2011
24	41	Bakken Family Photos, CDs/DVDs, 2002-2011
21	7	Bakken Heart Brain Institute, 2006
21	8	Bakken Heart Brain Institute Announcement at Cleveland Clinic, 2004
22	10	Bakken Heart Brain Institute, 2005-2006
23	9	Bakken Invitation, Photos on USB Sticks, November 2013
22	11	Bakken Library and Museum: Booth at unknown Event, 1994
22	12	Bakken Museum Expansion, 1997-1998
24	46	Bakken Museum Photos, CDs
21	9	Bakken Panel Antenna, Circa 1995-2010
21	10	Bakken Society, Circa 2000-2008
22	13	Ben Hage and Tyler Couerston with "The Impact of Medtronic: 50 Years of Success" Poster board, 1999
21	11	Ben, Earl's Pumpn friend, Circa 2005-2010
22	14	Bev Lum-Chow and Earl, 2006
22	15	Blessing at Bakken Family Office, 2003-2004
21	12	Board Room Photo signed by Jerry or Tommy, 2003
22	16	Brad Kuzel and Benjamin J. Baechler, 2005

22	17	Bridget Duffy, card and photos, 1998
21	13	Buddhist "Lighting the Way" Celebration and Award, 2008
22	18	Building, Unknown, Circa 1990-1999
21	14	Building, Unknown, email from Susan Pueschel, 2007
21	15	Cake with Pacemaker Models and Dates, 2009-2015
22	19	Camstar Teruya Straub Hospital, Circa 1992-2000
22	20	Canoe Race photos, 2004
22	21	Cardiac Surgery-Valves Patient Holiday Program, 1998
22	22	Child with Poster about Pacemakers, Circa 1995-2010
22	23	Children's event at Medtronic, Circa 1992-1997
22	24	Christine Altenhofen photo of and card from, 2006
22	25	Christmas Photos, Circa 1995--2005
22	26	Christmas Party, 2009
22	27	Church and Stair Lift, Circa 2000-2009
22	28	Cleveland Meeting, Circa 2005-2010
22	29	Coleanni Family, 2007
22	30	Colin Schwensohn and group, Doris Bakken Scholarship Recipient, Aquatennial Scholarship Event, 2002
22	31	Conferences in Hawaii, Photos from Bridget Duffy, Circa 1998-2008
22	32	Construction of Medtronic Building in Heerlen, 2002
21	16	CRDM Academy Cohort #3, 2007
21	17	CRDM Hard Hat tour, CEO Transition Picnic, Shareholder's Meeting and VIP Lunch, 2007
21	18	Darryl Sannes with Susan Maddox, 2012
22	33	David and family, 2003
22	34	Diane Tusek and Earl, 2000
22	35	Dinner at Hapuna Prince, picture from Dr. Bridget Deefey, 1999
22	36	Dinner at the Orchid with Greg Werallotti, Georgine Busch, Michael Traub, 2004
21	19	Display case with poster announcing Earl receiving "Visionary Caring Science Award" and the award from the Watson Caring Science Institute in Hawaii, circa 2008
21	20	Don Hurley on his 70 th Birthday, email from Robert H. Kayser, 2008
22	37	Dr. David and Phyllis Cannom from Hospital of Good Samaritan in Los Angeles, Pamela and Curtis Reis, visiting Earl and Doris, 1996
21	21	Dr. Herbert Benson and wife and Tim Yee from Queens, Circa 1997-1998
21	22	Dr. Shen, Joe Triqqs, and Earl, Circa 2005-2009
21	23	Dr. Todd Baird, Circa 2000-2009
21	24	Earl and Allen Zecha Photos from Alexander Lommel, 2009
21	25	Earl and another man at a talk, Circa 2005-2010
21	26	Earl and Barbara Elliot, 2012
22	38	Earl and David Rhees, Circa 2000-2010
21	27	Earl and David Rhees, large folder Circa 2000-2010
21	28	Earl and Doris at Earl's Statue Unveiling, 1994
24	40	Earl and Doris Bakken Photos, CDs/DVDs, 2004-2012
21	29	Earl and Dr. Furman at Event, 1998

21	30	Earl and Dr. Ryoko Dozono, photo from Dennis Stillings, 2002
21	31	Earl and Dr. Topol, from Kim Larsen-Hester, 2005
21	32	Earl and Elizabeth Stoghaug; card from Elizabeth's parents Brady and Jane, 2009
22	39	Earl and Frank Halberg, 2008
21	33	Earl and Friends folder sized, Circa 200-2010
22	40	Earl and Friends, Circa 1960-2018
21	34	Earl and Gabrielle Rutten, 2010
21	35	Earl and his Speech Teacher Mary Ross, Circa 2008-2012
22	41	Earl and Hubert Beuam, Circa 1992-1998
21	36	Earl and James Bluhm, 2005
22	42	Earl and John Gossmann at Star of Excellence Event, 2002
22	43	Earl and John Meslow at the Neuro Pigout, 1998
21	37	Earl and José Ayala, and Hispanic MBA Executive Profile, 2009
22	44	Earl and Karen Larson, 2007
21	38	Earl and Kirsten Gorsuch, 2012
22	45	Earl and Larry Hudziak outside Medtronic, Circa 1991-1995
21	39	Earl and Matt Moore, Email from Kim Larsen-Hester, 2009
21	40	Earl and R.N. Anderson at unknown event, Circa 1980-1989
22	46	Earl and Ray Dieter Jr. in New Orleans, 2001
22	47	Earl and Ruth (Nordin) Matthews, 2006
22	48	Earl and Ryoko from Japan, 2001
21	41	Earl and Shawla Walau, 2012
21	42	Earl and Susan Pueschel holding a copy of Dreaming On, 2014
21	43	Earl and Thea Johnson, 2008
22	49	Earl and Yvonne Macko with card, Circa 2005-2012
22	50	Earl and Yvonne Macko, Circa 2005-2007
22	51	Earl as Grand Marshal for the King Kamehameha Parade of Flowers Kailua-Kona, 1997
22	52	Earl at 20 th Anniversary for PACE and letter from Jacques Strauss, 1997
22	53	Earl at a Beach Event, Circa 2008-2012
22	54	Earl at an Event in a Tent, Maile Mauhili present, Circa 2007-2013
21	44	Earl at Children's Holiday Party, Email from Karen Larson, 2002
21	45	Earl at Christmas Party, 2009
21	46	Earl at Event, 2007
21	47	Earl at event with Robert G. Allen, Circa 2008-2015
21	48	Earl at event with Smiling Robot, email from Kim Larsen-Hester 2003
21	49	Earl at Fright Night, 2009
21	50	Earl at Medtronic Tech in Shoreview, 2002
21	51	Earl at Orchid, photo from Dennis Stillings, 2004
21	52	Earl at Paul Iaizzo's Lab at the University of Minnesota, Circa 2005-2012
22	55	Earl at Queens Hospital, 2008
21	53	Earl at Science Reception, photos from Dennis Stillings, 2003
22	56	Earl at Scripps Foundation event, photos from Sherri Alazraki, 2002
21	54	Earl at the MN State Fair from Christine Thomas Pollock, 2006
21	55	Earl at the MN State Fair, photo from Joe Coleanni, 2009

21	56	Earl at the Pig Out, 2007
21	57	Earl at University of Minnesota Event, Circa 2005-2008
21	58	Earl at Youth Summit, 2012
24	42	Earl Bakken Birthdays, CDs/DVDs, 1999, 2014
24	39	Earl Bakken Photos, CDs, 2003-2011
22	57	Earl Controlling Wheeled Robot with his mind at the Bakken Museum, Circa 2000-2010
21	59	Earl Delivering Plenary Lecture at EMBC'09, 2009
22	58	Earl Getting his Blood Drawn for Stem Cell Research and Doris Taylor, 2008
22	59	Earl giving a talk for the Archaeus Project, 1998
21	60	Earl Headshots, Circa 2005-2015
21	61	Earl Holding an Award at a Table, 2004
21	62	Earl holding His Center for Spirituality and Healing Spirit of the Center Award with women, 2010
22	60	Earl Holding Paper at unknown Conference, Circa 2005-2012
22	61	Earl in Berlin for Medtronic's 50th Anniversary, 2009
22	62	Earl in Japan, Medtronic Building Meeting, with the Jacobsons, 1995
15	9	Earl in Office, Taken by Howard M. Christopherson, 2001
21	63	Earl Receiving an Honorary Degree, Circa 2004-2008
22	63	Earl Receiving Award, Circa 1980-1989
22	64	Earl Receiving Honorary Fellow from American College of Cardiology, 1991
22	65	Earl's 86 th Birthday Celebration at Georgine's with Susan Maddox. Mary Joe Kreitzer, and Pat, 2010
22	66	Earl Statue, Circa 1995-2003
22	67	Earl Statue Unveiling, 1994
21	64	Earl wearing Smokin' Joes t-Shirt,, email from Kim Larsen-Hester, 2009
21	65	Earl with Andrew Csavoy, 2012
21	66	Earl with Anton Krucku and Glenn Miyataki, 2011
21	67	Earl with Carol McCormick and Family, 2012
22	68	Earl with Carolyn Gerster, 1998
22	69	Earl with Christy and Amy from "Bridging", 2006
22	70	Earl with Dr. Anderson, 2004
21	68	Earl with Dr. Dhar and family, 2012
21	69	Earl with Dr. Dwane Sui and his wife, 2009
21	70	Earl with Dr. Dwayne Siu, 2009
21	71	Earl with Dr. Kanani Texeria and Clairen KeAloha-Beaudet, 2011
21	72	Earl with Dr. Luissa Lee, photo from Vivian Ho, 2003
21	73	Earl with Dutch Kuypen CEO of Parker Ranch, Circa 2008-2012
21	74	Earl with Fred Badiyan and letter from 2002, additional letter from 1978
21	75	Earl with Gary Kemmetmueller and Michele, 2003
21	76	Earl with George Heenan and Bobbie Griffin, 2012
22	71	Earl with Gerrish Family Children and Card, 2006
21	77	Earl with James Syder, Cardiovascular Medtronic Program Manager and photos of Atlas Stint Graft, 2011
22	72	Earl with Janici and Bobby Smith and Nancy and Will Carroll, 2008
21	78	Earl with Jason Paret CFO of NHCH, 2011

21	79	Earl with Jean and Steve Meleri, 2012
21	80	Earl with Jean Watson, 2011
22	73	Earl with John Powers, Bridget, Duffy, Linda McHugh, Toby Cosgrove, and Sam Miller at unknown event, 2005
21	81	Earl with Josh Springfield, 2008-2015
21	82	Earl with Kari and Malcolm MacDonald, 2011
22	74	Earl with Karl Victor and Inger Hall, photo taken by Keith Johnson, 1995
22	75	Earl with Keith and Sharon (nee Fast) Steuhen and their sons Aaron and Andrew at the State Fair, 2004
21	83	Earl with Kids at Halloween Party at Earl's Garage, 2011
21	84	Earl with Kim Larsen-Hester, 2003
21	85	Earl with Leilani Kupalu-Marino, 2009
21	86	Earl with Leslie Holton, 2012
21	87	Earl with Linda Gust, 2009
21	88	Earl with Lorne Kay and Carrie Bailey, 2009
21	89	Earl with Malcolm McDonald, 2012
22	76	Earl with Malia Vitousek and friend, and woman who could be Sharon Vitousek, Circa 1997-2004
22	77	Earl with Man and Woman and accompanying loon card, Circa 1998-2005
21	90	Earl with Medtronic Board Retirees Rich Schall, Jerry Simonson, and Tom Holloran, from Mary Kay Peters, 2000
21	91	Earl with Medtronic Customers from China, 2011
22	78	Earl with Mr. and Mrs. Laurence J. Arnet, 2000
21	92	Earl with Mrs. Lillehei and Spanish Doctors, 2006
22	79	Earl with Nancy Stephenson and Jacques Strauss, 1994
21	93	Earl with Pete Draxton, Ed Waschbusch and Tom Waller dressed as Santa, Christmas Circa 2006-2008
22	80	Earl with Nina Garchabal and Yvonne Macko at Event, 2005
22	81	Earl with Phil and Carolyn Kostolnik, 2011
21	94	Earl with Raina Ivanova at University of Hawaii, Circa 2000-2008
22	82	Earl with Ray Dieter, 1993
21	95	Earl with Sam and Maria Miller in Cleveland, photos from Edward Pollock, 2005
21	96	Earl with Santa, Circa 2005-2008
21	97	Earl with Scott and Tinne Defoe and email, 2009
22	83	Earl with Sheena Sims, and Dr. C. Walton Lillehei at Medtronic Christmas Program, photos from Kay Lillehei, 1991
22	84	Earl with Stan and Diana Koladjeski, Circa 1998-2000
21	98	Earl with Stephanie Wachter's Mother Dressed as Mrs. Claus, 2009
21	99	Earl with Susan Pueschel, Dennis Grinde, and unknown women after an event, 2009
21	100	Earl with Whea Robotics Students, 2011
21	101	Earl's 79th Birthday, photo from Susan Pueschel, 2003
21	102	Earl's Minneapolis Visit 2012
21	103	Earl's Minnesota Trip 2005
21	104	Earl's Statue in Fall and Winter with negatives, 1994-1995

21	105	Earl's Trip to Minnesota, 2012
21	106	Earl's Trip to Minnesota and Chicago, 2014
21	107	Earl's visit to Nani Svenson's Garden, 2007
21	108	Earl's Visit to the Twin Cities Summer, 2004
22	85	Ellen Nelson's Retirement Dinner, 1997
21	109	Email and Photo from Melissa Deneault, 2011
21	110	Email and photos from Kumar Belani, 2006
21	111	Email and photos from Susan Pueschel about Ben, 2012
22	86	Engineering Scholarship Students Lunch with Earl, Circa 1998-2005
22	87	Family of Becky and Tom Bergman, Circa 2000-2003
21	112	First Med-Rel group, email from Juan Rojas, 2009
23	8	Frankenstein Fest at The Heights Theater, Photos on USB Stick
22	88	Dr. Fred Zacouto and Sarah Roussel, Circa 1998-2005
21	113	Fridley Historical Society: Induction Ceremony, 2015
22	89	Friends of Earl, Circa 1990-2018
21	114	Friends of the Bakken Event, 2007
21	115	Garage Boys" Earl with Dale Blosberg, Earl Hatten, and Lou Leisch, 2007
21	116	Georgine with Robin Mullin after Georgine received Leadership Award on behalf of Five Mountains Hawaii, circa 2010-2013
21	117	Group Photo at event featuring Earl, Dr. Aldo Castañeda, Dr. Jesse Edwards, Ms. Kaya Lillehei, Dr. Denton Cooley, and others, 2005-2010
22	90	Group Photo by L. Eric Schryver Photography, 2000
22	91	Group photo from John and Jean, Circa 2005-2010
21	118	Group Photo of Middle and High Schoolers, 1995-2005
21	119	Group Photo, Possibly of Medtronic Employees, Circa 1995-2005
21	120	Growing Crystals, 2004
22	92	Hannah and David Benditt with Earl at Jax Cafe, 2000
22	93	Harry G. Lambrecht, Card and Photo, 2007
21	121	Hawaii Public Radio User's Guide and Earl Bakken, Chris Kanagawa, Michael Titterton, John Ray, and Tom Quialan turning on HPR, 2005
22	94	Hawaiian Band playing on a porch, Circa 1990-2010
22	95	Heart Ball, 1994-1999
21	122	Heart Brain Summit at Cleveland Clinic, 2006
24	44	Hendricks Family Photos, CDs, 2006
21	123	Henk van Rooijen with Claude Lemay and letter from Bill Hawkins for Medtronic's 60 Years of Innovation, 2009
22	96	Hilo Graduation, 2004
21	124	HPA Robotics Team, 2003
22	97	Instrument Society of America: Honors and Awards Dinner, 1983
21	125	James Jolliff and Berkeley Fuller, Circa 1990-2005
21	126	Jean Watson and Ren with Earl, 2013
22	98	Jeremiah Smith's Daughters and Earl, 2006
22	99	Jerry Lewis, 2005
21	127	Jimmy Neutron with Bust of Earl, Circa 1998-2007
21	128	Joe and Doan Triggs with Bridget Duffy, 2015
22	100	Joe Coleanni from child to Young Adult, Circa 1930-1948

22	101	Joe Coleanni's 85th Birthday party, 2010
22	102	John and Roti Prweis in Scotland, 1994
22	103	Dr. Josh Vogel's Tie, Circa 1990-1995
22	104	June Aleiva and her husband by David Ashrow, 1994
21	129	Kamehameha Day Ceremonies, email from Ski Kwiatkowski, 2012
21	130	Karen Larson and Alex and group with Alanis Morissette, 2004
22	105	Karen Larson and Kelly Scott Schwantz with Earl, 2012
21	131	"Katie's Medtronic Mission Trip," 2010
22	106	Kauai Palm Unit Pooper Scoopers: Mark, Mauna, Nalu, Keone, Leta, 1998
22	107	Kiholo Events, 1994-1996
21	132	Kingdom of the Netherlands: Oranje-Nassau Award, photo of medal, 1989
21	133	Kohala High, Close Up, 2000
22	108	Letter and Photos from Debby and Glenn Angelino, Circa 1995-2000
21	134	Letter and Photos from Dr. Laura Moine, featuring Dr. Max Goldberger, 2003
21	135	Letter and photos from Ron Brown, circa 2006-2010, also includes family photo from Circa 1970-1975
21	136	Letter and Photos of Earl's Statue in the winter from Celia K. Barnes, 1995
21	137	Letter from Seymour Furman and photo of Barb and Jerry Donahue, 1991
22	109	Lillehei Heart Institute various events, 2003-2007
21	138	Makali' i, Circa 1995
21	139	Margaret and Paul's Wedding, from Margaret Carlson
22	110	Dr. Max gathering "Items for Energy-Invention Camps at NELHA", 2011
21	140	Max Goldberger, 2003-2010
21	141	Max's Birthday Party, Circa 2000-2010
22	111	Medtronic 25 years in Holland Event, 1994
22	112	Medtronic 50 th Anniversary Celebration at the Bakken, 1999
22	113	Medtronic Board Meeting, 1991
21	142	Medtronic Cardiac Rhythm Disease Management Mounds View location construction photos, Circa 2006-2008
21	143	Medtronic Headquarters in Fridley, 2002
15	10	Medtronic: Heritage Circle, Group picture, 2014
21	144	Medtronic Latin Cultures Network Employee Group at Feed My Starving Children, Circa 2005-2010
21	145	Medtronic Oldtimers Get Together email from Frank Beert, photos by Bob Smith, 2009
21	146	Medtronic Photos, Circa 2008-2013
22	114	Medtronic Rice Creek Manufacturing, 2008
21	147	Medtronic United Way Kick off, 2002
22	115	Washington DC Trip, photos taken by Michelle, 1995
21	148	M.J. Kreatyer and Company, 2011
22	116	Monty Richards and Earl at unknown event, 2006-2014
21	149	Mrs. America Leslie Lam, 2000-2001
22	117	Mrs. Chorske and Nora Zieka with Earl, 2000
22	118	Nancy L. Stephenson Receiving Distinguished Service Award at Heart Rhythm Society Event, 2004
22	119	Nancy St.'s Party and Earl and Grandkids, 2005

22	120	NASA event at Waimea School: Earl with Michael Finke, Earl with Adene Williams Loston, 2005
22	121	National Academy of Engineering Awards Event, 2004
22	122	Negatives of model trains and event attended by Earl, 2004
22	123	New Cardiovascular Horizons Conference, 2007
21	150	New Cardiovascular Horizons Statue, 2007
24	47	North Hawaii Community Hospital Photos, CD
23	7	North Hawaii Community Hospital Photos, SD Cards and USB
22	124	NPR -Turning On! photos, 2005
22	125	Object, Unknown, 2004
21	151	Orchid-Turtle Point, 2004
21	152	Original Pacemaker Pictures and Ad for the 5800, 1954, 1964, 1995
21	153	Paige and Craig Bota with Earl, 2015
22	126	Pam's Birthday at the Lake, 2008
21	154	Patient Advocacy Award Luncheon, photos of Earl with Ronni Reitan, Jeff Ryan, Merethe Ostenstad, Rachel Scherer, and Brad Becke at Jax Cafe, 2007
15	11	Pavek Museum:, Photo of Earl Bakken, Joe Pavek, and Paul Hedberg at grand opening, 1988
22	127	Photo and Card from Ann Tanko, 1997
22	128	Photo and Card from Helen Hathaway Employee #1102, circa 2005-2010
21	155	Photo and Email from Byron Martin, 2008
21	156	Photo and Email from Michele White, 2011
21	157	Photo and Email from Susan Pueschel, 2009
21	158	Photo from Rebecca McKimm, 2012
22	129	Photo from Ron Hajana, Circa 1990-1997
21	159	Photo of Photo of Palmer J. Hermundslie's Garage pre-1949, Circa 1995-2010
21	160	Photo of Black 5800, Circa 1990-2005
21	161	Photo of Earl's Statue from Barb Rasmussen, Circa 1995-1999
21	162	Photo shoot with Bill Hawkins and Earl, Circa 2005-2010
22	130	Photos and Card from Jan Marie Mueller, 2016
22	131	Photos and Card from Audura and Tracy, 1998
22	132	Photos and letter from Jack Cynthia and Kristen, 1992
22	133	Photos and Letter from Sharon Harrington and Pat Ridgely, 2004
21	163	Photos from 5 th Asian-Pacific Symposium on Cardiac Pacing and Electrophysiology with letter from Motokazu Hori, 1993
21	164	Photos from Bruce Challengren, Circa 1998-2005
21	165	Photos from Dennis Stillings and "If I Only Had a Heart/Brain" lyrics by Sara and Keith Nearly, 2004
21	166	Photos from Dennis Stillings, 2002
22	134	Photos from Elizabeth, Jude, and Manny, 1993
21	167	Photos from Japan Association of Cardiac Pacemaker Friends 40 th Anniversary, email from Naoko Kudo, 2009
22	135	Photos from Karen's Hawaii Trip, 2010
22	136	Photos from MN Inventors Congress from Tak and Mary Tsuchiya, 1995
21	168	Photos from Othild, Germaine, & Franz Halberg, photos by Jong Lee, circa 2005-2010

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