

KATHLEEN "KATE" BERGERON

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PROFILE

Product development leader with extensive experience in building world class teams that deliver complex products on time and on budget.

EXPERIENCE

VICE PRESIDENT, ECOSYSTEM PRODUCTS AND TECHNOLOGIES WITHIN HARDWARE ENGINEERING, APPLE INC., — CUPERTINO, CA JUNE 2014-PRESENT

- Vice President of Hardware Engineering with leadership for the following teams : Input Devices, iOS and Macintosh Accessories, 3rd Party Accessories, Product Realization Lab (PRL), Packaging, Product Display, and Soft Goods (Cases, Covers, Apple WATCH bands). Teams are comprised of mechanical, electrical, and firmware engineers doing system and component level design and validation. Team size is approximately three hundred engineers and managers. Responsibilities include road map direction, budgeting, headcount, and product execution.

SENIOR DIRECTOR, MACINTOSH HARDWARE ENGINEERING, APPLE INC., CUPERTINO, CA — OCTOBER 2013 - JUNE 2014

SENIOR DIRECTOR, MACINTOSH PRODUCT DESIGN, APPLE INC., CUPERTINO, CA — NOVEMBER 2011 - OCTOBER 2013

DIRECTOR, MACINTOSH PRODUCT DESIGN, APPLE INC., CUPERTINO, CA — APRIL - OCTOBER 2011

- Senior Director of Hardware Engineering including the following teams : Input Devices, Macintosh Product Design, Product Realization Lab (PRL), Packaging, Product Display, and Macintosh Core Engineering. Teams are comprised of mechanical and electrical engineers doing system and component level design and validation. The PRL, Packaging and Product Display teams support all product teams at Apple. Team size is approximately two hundred engineers and managers.
- Latest released products include : MacPro (2013), full lamination iMacs 21.5" and 27" (2012/13), Macbook Pro Retina 13" and 15" (2012/13), 802.11ac Airport Base Station (2013).

- Key team member in growing the Macintosh business to more than five million computers per quarter.

DIRECTOR, MOBILE PRODUCT DESIGN, APPLE INC., CUPERTINO, CA — 2009-2011

- Director of Product Design for Macintosh Mobile products (Macbook Air (11.6", 13.3"), MacBook Pro (13.3", 15.4", 17"), MacBook (13.3"))
- Involved in strategic decision making for engineering, product planning, and execution
- Lead a team of approximately twenty engineers and managers from final concept to production in Asia. Have helped grow the Macintosh Mobile business from 500K shipments per quarter to greater than 2 million units per quarter.
- Have consistently improved product quality and lowered product cost while maintaining high engineering standards.

SENIOR PRODUCT DESIGN MANAGER, APPLE INC., CUPERTINO, CA — 2006-2009

PRODUCT DESIGN MANAGER, APPLE INC., CUPERTINO, CA — 2004-2006

SENIOR PRODUCT DESIGN ENGINEER, APPLE INC., CUPERTINO, CA — 2002-04

- Senior mechanical engineering manager for consumer portables (iBook/Macbook) team. Grew the mobile business 100% per year for two years.
- Assumed ownership and completed re-organization of the Interconnect engineering team. The team is responsible for all custom external and internal connectors, standard connectors, external cables in the Macintosh Division.
- Took leadership position on several key projects, including first generation MagSafe connector and cable, first generation Mac-Mini, and 17" Powerbook.
- Engineering lead on "Tiger Team" that delivered first sub \$1,000 laptop (iBook) for Apple, as well as reducing ARR (quality metric) to lowest ever return rate for an Apple portable product.
- Developed OEM/JDM partner engineering team relationships with Asus, Quanta, and Foxconn. All teams have been critical contributors to the delivery of Apple mobile products.

SENIOR MECHANICAL ENGINEER, EM DESIGNS, HALF MOON BAY, CA — 2001-2002

- Managed opening and operation of engineering office in Mountain View, CA.
- Lead engineer on Altamar (Ditech) Titanium optical switching system. Responsible for system architecture, interface between mechanical and electrical engineering, client relations, engineer coordination, vendor coordination, process selection and prototype builds.
- Completed design on Altamar Orion 1U optical amplifier chassis : prototype to production in six weeks.

MECHANICAL ENGINEER, PALO ALTO DESIGN GROUP, PALO ALTO, CA — 1997-2001

- Co Lead engineer on Microsoft X-Box video console. Responsible for system architecture, sheet metal design, interface with vendors for DVD modifications and custom USB connector design.
- Lead engineer on Viewsonic Flat Panel projects (VP151/181). Responsible for plastic and sheet metal design, coordination with multiple engineers in the US and Asia, interface with Asian toolers and manufacturers. Primary client contact.
- Designed door mechanism for NEC/PA 2000 RAID network server, hold down mechanism for PCI cards in standard ATCX PC chassis.
- Assistant engineer on Palm III PDA and Navitel Internet phone projects.

MECHANICAL ENGINEER, OHMEDA MEDICAL SYSTEMS, LOUISVILLE, CO — 1995-1997

- Lead system engineer on monitoring subsystem of INO/Vent critical care device.
- Interfaced with manufacturing and production teams to ensure successful product deployment.
- Responsible for pneumatic manifold subsystem design and verification, inline temperature/humidity compensator module, fuel cell measurement system, PCB mechanical layout, sheet metal enclosure design.

EDUCATION

Massachusetts Institute of Technology, Cambridge, Massachusetts - Master's in Business Administration (eMBA), 2013

University of Colorado - Boulder, Colorado — M.S., Mechanical Engineering

Massachusetts Institute of Technology, Cambridge, Massachusetts — S.B., Mechanical Engineering

PATENTS

9,125,303 - Fetterman, Kevin, Bergeron, Kathleen, et al, *Power Supply Input Routing*, September 1, 2015.

8, 854,801 - Bergeron, Kathleen, et al, *Portable computer display housing*, October 7, 2014.

8,846,17 - Casebolt, Matthew, Bergeron, Kathleen, et al, *Internal component adhesive securing systems for portable computing devices*, May 29, 2013.

8,432,509 - Bergeron, Kathleen A., et al, *Portable computer display housing*, April 30, 2013.

8,233,109 - Bergeron, Kathleen A., et al, *Portable computer display housing*, July 31, 2012.

6,189,842 – Bergeron Gull, Kathleen A., Springer, Gregory Allen, Smith, Malcolm S. *Tilt and swivel adjustment of flat panel display having detents for landscape and portrait positions and kickout for preventing contact between flat panel display and base*, February 20, 2001.

6,138,674 – Gull, Kathleen Bergeron, Hunt, William C. *Active temperature and humidity compensator for anesthesia monitoring systems*, October 31, 2000.

D427,163 – Bergeron Gull, Kathleen A., Wollschlaeger, Jo Frances *Adjustable flat panel mounting bracket*, June 27, 2000.

SKILLS

- Ability to lead teams in multiple locations and with diverse backgrounds.
- Extensive knowledge of product development processes and risk mitigation during project development.
- Experience with high volume manufacturing processes : sheet metal, CNC machining, injection molding, die casting, double-shot and transfer molding.
- Asia factory experience at both the part vendor and final system assembly level.
- Cost estimation of mechanical enclosure parts.
- Basic spoken French and Mandarin.

INTERESTS AND ACTIVITIES

- Co-instructor (with Eric Reynolds and Harald Quintus-Bosz), D-Lab course, EC.279 - "Design for Scale", Fall 2013, 2014, and 2015.
- Member - Industrial Liaison Board and Mentor, MIT Gordon Engineering Leadership Program (2010 - present)
- Steering committee member for Women at Apple-Tech, internal technical development committee.
- Member, Board of Directors, World Flying Disc Federation (WFDF), (International governing body for Ultimate Frisbee and Flying Disc sports) - 2007 to present. Currently hold the office of Treasurer.
- Head Coach, Santa Clara University Women's Ultimate Frisbee team (2006 - 2007)
- Assistant Coach and Coach of B-Team, Stanford Women's Ultimate Frisbee (1998-2002)
- Member, Board of Directors, Ultimate Player's Association (2001-2006, President : 2002-04); member, Strategic Planning Committee, UPA
- National College Director, Ultimate Player's Association (1997-2000)
- Avid trail runner, skier, and cyclist
- National Semi-Finalist in UPA College Ultimate Championships (1995), third place finisher in World Club Championships, St. Andrew's, Scotland (1999), second place finisher in World Club Championships Women's Master's Division, Lecco, IT (2014).
- NCAA Division II winner in cross country skiing (1992, 1993).