

BEVERLY A. TATE

EDUCATION

- 12/86 **Bachelor of Science Degree, Industrial and Systems Engineering**
University of Michigan – Dearborn, MI (GPA = 3.2)
- 2000 Masters Courses: EDL 600 – Leadership Skills, EDL 630 – Leadership Development
Northern Arizona University – Lake Havasu City, AZ (GPA = 4.0)

CURRENT POSITIONS

Titles: **Segment Host** “Ohana Road – The Road Ahead with Bev” Automotive TV Magazine
Newspaper Columnist “Honolulu Advertiser – Auto Diva” Weekly Automotive Section

WORK HISTORY

- 12/99 3/03 **Product Development Engineer; Driveline & Transmission Systems Durability**
Ford Motor Company, Arizona Proving Ground, Yucca, AZ
- Primary function: Verify durability and reliability of pre-production vehicles
 - Diagnose and troubleshoot issues on prototype test vehicles
 - Communicate/document root cause of issues to design engineering
 - Develop, verify & implement corrective actions for issues identified
 - Train test drivers in vehicle limit handling
- 4/98 12/99 **Field Quality Engineer; West Coast Region – California, Nevada, and Arizona**
Ford Motor Company, Quality and Process Leadership, Tarbuco Canyon, CA
- Primary function: Recall prevention for production vehicles
 - Identify key customer concerns and emerging issues in the field
 - Communicate/document root cause of issues to design and manufacturing
 - Develop, verify, and implement corrective actions for issues identified
- 10/94 4/98 **Product Design Engineer; Design and Release of Rear Suspension and Tires**
F150/250 and Expedition/Navigator Vehicle Platform
Ford Motor Company, Truck Vehicle Center – Chassis Engineering, Dearborn, MI
- Primary function: Release a robust design that achieved program targets
 - Meet targets for cost, weight, quality, ride/handling, and fuel economy
 - Verify component design and document in design verification and prove-out report
 - “Award of Excellence” recipient for 1999 Full Size Truck Fuel Economy
- 8/93 10/94 **Product Design Engineer; Chassis Package – Expedition Program**
Ford Motor Company, Truck Vehicle Center – Vehicle Engineering, Dearborn, MI
- Primary function: Lead compatibility review process for chassis systems
 - Verify chassis package meets all world wide customer requirements, clearance specifications, and component communization requirements
 - “Customer-Driven Quality Award” recipient for Full Size Truck Compatibility Process Team
- 4/92 8/93 **Product Design Engineer; Glass Division Project Manager – F150/250 and Expedition/Navigator Platform**
Ford Motor Company, Glass Division – Advanced Program Engineering, Allen Park, MI

- Primary function: Manage the design, development, & implementation phases of glass components into a platform of vehicle programs
- Develop plant sourcing, manufacturing feasibility, advanced quality plans, investments and costs
- Develop component quality plans prototype support plans and production manufacturing plans
- Develop significant characteristics, component drawings, prototype parts, tools and gauges
- Support production launch of components
- “Significant Achievement Award” recipient for F150 Hybrid Heat Management Test Vehicle Design

- 4/90 4/92 **Manufacturing Engineer; Prototype Glass Fabrication – Win Star Program**
Ford Motor Company, Glass Division – Prototype Engineering, Allen Park, MI
- Primary function: Fabricate prototype glass templates
 - Cut glass blanks using CNC glass cutting machine
 - Silk screen painted electronically heated defrost grids and antennas onto blanks for back-lights and windshields prior to lamination process
 - Grind edges and drill holes into side-lights prior to tempering process
- 3/89 4/90 **Hourly Supervisor and Manufacturing Process Engineer; Foreman**
Ford Motor Company, Plastic Products Division – Milan Plastics Plant, Milan, MI
- Primary function: Supervise 15 people and 30 robots on three automated lines
 - Adhesive bond and sonic tack weld bumper outer fascia’s to inner reinforcements for several vehicle lines
- 10/87 3/89 **Manufacturing Engineer; Plant Industrial Engineer – IE Department**
Ford Motor Company, Plastic Products Division – Milan Plastics Plant, Milan, MI
- Primary function: Determine pay points, cycle times, and load balancing for the Bumper Operations Department assembly lines
 - Use time study analysis to determine the cycle time, pay points and utilizations of the production lines
- 1/87 10/87 **Manufacturing Systems Analyst & CIM Support Engineer – Manufacturing Staff**
Ford Motor Company, Plastic Products Division – Headquarters
- Primary function: Design and implement local and wide area computer networks into the plastics division manufacturing plants
- 5/84 12/86 **Internship/Student Engineer – Advanced Product & Manufacturing Engineering**
General Motors Corporation – General Motors Technical Center, Sterling Heights, MI
- Primary function: Obtain engineering work experience and complete assigned projects while alternating semesters of school and work
- 9/79 5/84 **Draftsperson – Industrial Design Services, Inc**
- Primary function: Design and detail transfer tooling, checking fixtures, open-back, and progressive dies for the automotive industry
- 9/78 8/79 **Tool and Die Grinder – Best Molds Tool and Die**
- Primary function: Grind and stone finished critical surfaces of die tooling