

**BOARD OF REGENTS**  
**EASTERN MICHIGAN UNIVERSITY**

SECTION:	7
DATE:	December 17, 2009

**RECOMMENDATION**

**APPOINTMENT OF CHARTER SCHOOLS BOARD MEMBERS**

**ACTION REQUESTED**

It is recommended that the Board of Regents appoint Sally Contreras to a three-year term on the Board of Directors of the Academy for Business and Technology; Jason Johnson to a three-year term on the Board of Directors of Ann Arbor Learning Community; Delores Tripp to a three-year term on the Board of Directors of the Dr. Joseph F. Pollack Academic Center of Excellence; LaTanya Beanum and Christine Harris to three-year terms on the Board of Directors of Gaudior Academy; and Walter Stephens to a three-year term on the Board of Directors of Hope Academy.

**STAFF SUMMARY**

According to the resolutions which establish these public school academies (charter schools), vacancies on the Boards of Directors shall be filled by the Eastern Michigan University Board of Regents.

**Academy for Business and Technology**

Sally Contreras is a teacher aide at Edmonson Elementary School in Detroit. She was employed as a special needs assistant at Vistas Nuevas Head Start in Detroit for five years. Contreras earned an Associate's degree from Wayne County Community College, and she currently attends classes at the University of Michigan-Dearborn. She has a child enrolled at the Academy for Business and Technology.

**Ann Arbor Learning Community**

Jason Johnson is employed at the Borders Group, Inc., Ann Arbor, as a logistics and budget analyst. He also worked at TCF National Bank in Ann Arbor as a commercial financial analyst. Johnson earned a Master of Business Administration degree and a Bachelor of Business Administration degree from Eastern Michigan University in April 2009 and April 2003. He has two children attending Ann Arbor Learning Community and is currently their board president.

**Dr. Joseph F. Pollack Academic Center of Excellence – PACE (Edison Oakland Academy)**

Delores Tripp is chief executive officer of The Wellness Group, a private corporation that offers prevention-focused programming to enhance employee well-being and productivity and thus impact organizational profitability. Tripp earned a Bachelor of Arts degree as well as her Juris Doctor degree from Wayne State University. She is a member of the Michigan Bar and the National Association of Women Business Owners. She is seeking reappointment to the Board of Directors of the Academy.

**Gaudior Academy**

LaTanya Beanum is a project support manager for the EDS and HP Company in Detroit where she oversees the OnStar Development Umbrella Project, ongoing since 2003. Prior to this position, she was a project leader for General Motors' hourly payroll services. Beanum earned a Bachelor of Science degree in computer science from Madonna University and a Master of Business Administration degree in technology management from the University of Phoenix, Troy. She has a child attending Gaudior Academy.

Christine Harris is the president of Harris Design, LLC, Livonia. She was quality control manager for NORR, LLC in Detroit. Harris is an architect by training having earned Bachelor of Architecture, Bachelor of Science in Architecture and Master of Architecture degrees from Lawrence Technological University in 1995, 1996 and 2009 respectively. She is certified by the State of Michigan and the National Council of Architectural Registration Boards. Harris has been president of the Gaudior Academy Board of Directors for the past three years. She is a member of Tau Sigma Delta Honor Society.

**Hope Academy**

Walter Stephens is employed at the Ford Motor Company in Dearborn as a vehicle electrical systems engineer. He has been with Ford since 1997. Stephens graduated from Tuskegee University, Alabama, with a Bachelor of Science degree in electrical engineering in 1998. He is a member of the National Society of Black Engineers. Stephens is seeking reappointment to the Board of Directors of Hope Academy.

**FISCAL IMPLICATIONS**

None.

**ADMINISTRATIVE RECOMMENDATION**

The proposed Board action has been reviewed and is recommended for Board approval.

\_\_\_\_\_  
University Executive Officer

12-4-09

\_\_\_\_\_  
Date

# Sally Contreras

[christalsally@yahoo.com](mailto:christalsally@yahoo.com)

## **Objective:**

To secure a position where I can implement and coordinate programs and services that focus on the socialization and education of young children. Also, as well as their growth and development.

## **Employment History:**

**Edmonson Elementary/DPS  
Detroit, MI**  
032008 - Present

### **Teacher Aide / Autistic Impaired**

Assist in the preparation and implementation of classroom activities, such as individual and small group instruction. Also, responsible for assisting students from buses and taxicabs in the morning as well as leaving school. Participate in weekly planning meetings with the teacher. etc

**Vistas Nuevas Head Start  
Detroit, MI**  
082002 - 022008

### **Special Needs Assistant (SNA II)**

SNA's responsibility is to complete the referral process for the special needs children. Also, the SNA provides individualized services to children identified with special needs and maintain appropriate documentation of services. Also monitors and update the files of special needs children weekly. Assist in special needs services for case conferences and home visits. Also assist in the development and implementation of the IEP to meet the needs of special needs children.

**Rainbow Child Development  
Center  
Dearborn, MI**  
022000 - 082002

### **Lead Teacher/Assistant Director**

Develop and write lesson plans to provide social skills and coordination for preschool children. Supervise the implementation of all the lesson plans for all instructors from infant to kindergarten. Assist with the supervision, management and daily operations of the center.

**Center for Chicano-Boricua  
Studies  
Detroit, MI**  
011999 - 012000

### **Administrative Secretary**

Supervise clerical staff and work study students. Manage office operations, budgetary expenses, assist with programming, manage faculty requests, and manage incoming clientele. Manage the Latino En Marcha Scholarship for Latino students. Reserve rooms and provide reports. Provide minutes and schedule meetings.

**Salvation Army/School  
Readiness Program  
Detroit, MI**  
081998 - 011999

### **Lead Teacher**

Write lesson plans. Write behavioral observation weekly reports to provide social, emotional, movement/physical and cognitive development progress notes.

## ▼ BOARD SERVICE

### **Ann Arbor Learning Community**

Ann Arbor, MI

June. 2006 – Present

- **Board President**  
June. 2008- Present
- **Board Treasurer**  
June. 2007- June 2008
- **Board Member at Large**  
June. 2006- June 2007

## ▼ PROFILE

- Ability to align short and long term goals
- Analytic and well organized team player with excellent interpersonal skills
- Ability to multi-task with a high degree of accuracy
- Exceptional communication, problem solving, technical, resource management, and leadership skills
- Advanced Microsoft Office proficiency and experience with various accounting software suites
- Proclamation for service from Michigan State Senator 2001

## ▼ EDUCATION

### **Masters of Business Administration, Finance**

Eastern Michigan University, Ypsilanti, MI April 2009

### **Graduate Certificate Finance**

Eastern Michigan University, Ypsilanti, MI April 2004

### **BBA; Management**

Eastern Michigan University, Ypsilanti, MI April 2003

## ▼ GOAL

To provide consistent, value-adding support for internal and external customers of ecommerce projects from a mid level Ecommerce Support Specialist position.

## ▼ PROFESSIONAL EXPERIENCE

### **Analyst [Logistics]**

Borders Group Inc, Ann Arbor, MI

Aug. 2006- Feb. 2009

- Provided analysis of data to support the logistics planning and budgeting process
- Facilitated communications between distribution centers and the store operations group
- Streamlined weekly reporting process
- Managed receipt of shipping incentive AR's from vendors
- Reconciled logistics GL accounts
- Created month end GL close JEs
- Developed and provided month end reporting for logistics
- Developed and provided weekly reporting for Monday logistics meetings and Tuesday Operations meeting
- Solicited feedback from customers regarding reporting use and expectations
- Provided inventory forecasting by tracking purchases, sales, and returns at the category level
- Assisted in development of flow-thru analyses and other shipping and receiving productivity measures
- Evaluated and compared the relative cost per unit of various processing channels relative to volume
- Interpreted data affecting expenses, such as hourly labor cost, OPH, fixed cost and transportation cost
- Collaborated with internal and external customers to ensure accurate, timely and relevant distribution information
- Ad-Hoc reporting and analysis as requested

### **Analyst [Commercial Finance]**

TCF National Bank, Ann Arbor, MI

Mar. 2005- Aug. 2006

- Reviewed and analyzed financial statements
- Identified and explained trends and variances
- Prepared financial statements and projections
- Presented evaluations to upper management for final approval
- Completed monthly and weekly reports
- Assembled spreadsheets and draw charts and graphs used to illustrate technical reports
- Analyzed financial information to produce forecasts of business, industry, and economic conditions for use in making investment decisions
- Maintained knowledge and stay abreast of developments in the fields of , business, finance, and economic theory
- Presented oral and written reports on general economic trends, individual corporations, and entire industries

**References available upon request**

## VITAE/RESUME

### Delores C. Tripp, J.D.

#### Work:

30400 Telegraph Road, Suite 333  
Bingham Farms MI 48025  
Phone: 248.203.5330  
Fax: 248.203.5331  
E-mail: delores@wellnessgroup.net  
Web Site: www.wellnessgroup.net

#### Home:

### CAREER SUMMARY

Has over twenty-five years experience as an attorney, consultant, coach, trainer, manager, and administrator. She has worked in both the private and public sector and has served as a trustee on several boards. Currently she is using her special skills in leadership development, executive coaching, improving emotional intelligence in organizations, conflict resolution, change management, cultural diversity, and related consulting and training with a broad array of organizational clients.

### SPECIAL SKILLS AND ACHIEVEMENTS

- As Board Chair of a large regional organization oversaw a difficult change of leadership during a period of unprecedented successful growth and expansion of the organization.
- As trustee of the village of Bingham Farms has provided leadership on issues of local growth and development.
- Managed the growth and expansion of the Wellness Group on a national and international level.
- Through her organization development strategies and interventions she has moved organizations toward clarifying and achieving their vision, mission, and strategic goals.
- Has overseen the growth and development of both a statewide and national behavioral health network.

### EXPERIENCE

1982 - Present

**The Wellness Group, Inc.:** CEO - CEO of a private corporation whose purpose is to offer prevention focused programming which enhances employee well-being and productivity which in turn impacts organizational profitability. Current client roster includes private and public sector, profit and non-profit, and small and large organizations on an international, national and state level.

VITAE/RESUME

Delores C. Tripp, B.A., J.D.

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- 1977 - 1982      **Department of Corrections: Member, Michigan Parole Board**  
- As the first female member of the Parole Board was responsible for conducting parole hearings, parole violation hearings, clemency and public hearings on commutation of sentences. Had responsibility for relations with the Governor's Office, police departments and prosecutors throughout Michigan and other states.
- 1974 - 1977      **Michigan Department of Social Services: Member of Youth Parole and Review Board** - As a member of the Youth Parole and Review Board held hearings and made decisions on juvenile wards of the state regarding placement in and release from the state's training schools. Conducted revocation hearings following new allegations of criminal behavior. Reviewed current legislation and made recommendations for new legislation.
- 1971 - 1974      **Michigan Department of Social Services: Administrative Law Judge** - Acted as the hearing officer under the provisions of the Michigan Administrative Procedures Act and applicable provisions of state law regarding client eligibility to state programs, nursing home license revocations and similar proceedings.
- 1968 - 1971      **Michigan Department of Civil Rights: Hearings Officer** - Conducted probable cause hearings under the provisions of the Elliott Larsen Act (Civil Rights). Served as consultant to both field investigators and employers against whom allegations of violation of the Elliott Larsen Act had been filed. This activity centered around allegations of discrimination in employment based on age, race, gender, national origin, and handicapped status.
- 1965 - 1968      **Michigan Department of Civil Rights: Education Consultant** - Worked with school districts throughout the State on issues involving student integration and increasing minority teacher employment. This was a voluntary consultation service available to school districts. Was key in developing statewide guidelines on prevention of racial violence in the schools.
- 1963 - 1965      **City of Detroit - Human Relations Department: Human Relations Consultant** - Worked with private sector employers on civil rights issues involving employment, education, housing, and public accommodation.
- 1962 - 1963      **Immaculate Heart of Mary Grade School: Fifth Grade Teacher**

VITAE/RESUME

Delores C. Tripp, B.A., J.D.

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**EDUCATION**

Wayne State University                      B.A.

Wayne State University Law School      J.D.

Member of Michigan Bar. Admitted to practice in both state and federal courts and the United States Supreme Court.

**MEMBERSHIPS**

Member of the Board of Trustees and past Chairperson – GreenPath, Inc.

Human Resources Association of Greater Detroit

Past President - Administrative Law Section

Administrative Law Section: Michigan Bar Association

Labor Law Section: Michigan Bar Association

Labor Law Section: American Bar Association

Member - EAP Association (EAPA)

Member – National Association of Women Business Owners

**CIVIC ASSOCIATIONS**

Bingham Farms Village Council Trustee

Member - Detroit Athletic Club

VITAE/RESUME

Delores C. Tripp, B.A., J.D.

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**CIVIC ASSOCIATIONS cont'd**

Member - Detroit Historical Society

Member - Founders Society of the Detroit Institute of Arts

Member - Detroit Society of Clubs

Member - Detroit Yacht Club

Member - Renaissance Club

Member - Skyline Club

**PROFESSIONAL PRESENTATIONS**

Have presented numerous workshops, seminars and speeches on managing conflicts, prevention of workplace violence, improving emotional intelligence in organizations, stress management, leadership, and human relations and EEO issues.

**PERSONAL**

Widow, one adult child, good health, enjoy travel, tennis and reading and writing science fiction.

**PROJECT MANAGER**

*Quality ❖ Information Technology ❖ Process Engineering*

Highly motivated, self-directed MANAGEMENT PROFESSIONAL with 10 years' experience in maintaining a fast-pace and pivotal role in dynamic environments. Project Leader with extensive background in Process Management and strong understanding of the role of quality in an organization. Team oriented individual with good interpersonal skills. Detail oriented with excellent organizational and Project Management skills. Mentored employees in two Horizontal Business Units and adapted to the personality of each.

**CORE COMPETENCIES**

- Quality Focused
- Business Process
- Lean Six Sigma
- Leadership/Team Builder
- Training and Mentoring
- Project Coordination

**PROFESSIONAL EXPERIENCE**

**EDS and HP Company, Detroit, MI**

**1997-Present**

***Project Support Office (PSO) (2003-Present)***

- Project Manager for the OnStar Development Umbrella Project.
- Conduct Senior Mgt Reviews as applicable on behalf of the EDS OnStar Program Office (PgO)
- Communicate EPGO / Horizontal Business Unit (HBU) PgO information on processes and tools
- Monitor and communicate time tracking compliance
- Monitors project activities in MSPS or MS Project for items requiring assistance or escalation
- Track and understand project performance via PreSage, Service Level A's, contractual reports, metrics, etc.
- Leads and coordinates Project QuickStart efforts for projects meeting HBU thresholds.
- Project Manager Mentor
- CMMI Assessment Team Member (ATM)

***Project Leader – GM Hourly Payroll Services (2001-2003)***

- Analyzed and refined Customer's business requirements.
- Created proposals and project implementation plans.
- Defined required skill sets and managed resources.
- Identified issues and assessed risk.
- Coordinated workload of 40 senior and junior information analysts, project leaders, remote, and off-shore resources on the EDS-Lockheed Martin Account in support of the General Motors Payroll Services customer (GM Hourly and Salary).

***Information Analyst–DACOR (1997-2001)***

- Responsible for system maintenance for General Motors accounts payable system. Also maintained the General Motors Hourly and Salary Payroll systems.
- Provided technical direction for the system
- Tracked project progress and compliance with CMMI-compliant procedures
- Provided an escalation contact for issue resolution
- Interfaced with customer on business items

**Christine M. Harris, ALA  
NCARB, LEED AP**

E-mail: [cmhrjhnop@yahoo.com](mailto:cmhrjhnop@yahoo.com)  
734.779.0770 or 734.673.2885

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Quality-minded individual with a varied background practicing and teaching in the fields of architecture, education, engineering, and accounting. Excellent organizational and problem-solving skills, exceptional writing abilities, and a desire to explore new challenges and opportunities.

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**Employment History**

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**Harris Design, LLC**  
Livonia, MI  
03/2009-Present

**President**  
**Design Services**

**NORR, LLC**  
Detroit, MI  
07/2008-01/2009

**Quality Control Manager**  
**Responsibilities**  
**Quality Control**

- Reviewed project drawings for correctness & completeness
- Audited drawings for coordination between disciplines – architectural, structural, mechanical, electrical & civil

**Staff Development**

- Provided oversight of architectural interns and facilitated intern development
- Arranged educational seminars for staff on relevant technical subjects

**Technical Resource Assistance**

- Provided technical assistance to drawing production staff
- Provided code and material & systems research to production drawing staff

**FES Group, LLC**  
Wixom, MI  
08/2006-06/2008

**Senior Architect /Project Manager**  
**Primary Projects & Responsibilities**  
**GM Spring Hill Paint Shop Addition**

- \$14 million addition to an existing paint shop
- Researched & recommended construction materials
- Created & coordinated the production of plans, elevations, sections, details, & schedules required for construction
- Provided construction oversight & consultation services

**DTE Energy**

- Designed remodel of locker & toilet rooms for five DTE projects (2 at St. Clair Power Plant, Allen Road Service Center, Redford Service Center, & General Office Building)
- Selected fixtures & finishes to meet client requirements
- Created & coordinated the production of plans, elevations, sections, details, & schedules required for construction

**Delphi Automotive Headquarters Renovations**

- **Building D Laboratory & Conference Room Renovations**
- **Building A Office Renovations**

**GM Powertrain Testing Laboratory**

- Created 3-D architectural model of automotive testing laboratory building renovation & addition

**Barton Malow Company Senior Architect / Pre-Construction Design Group**  
Southfield, MI  
02/2006-08/2006  
**Responsibilities**

- Research government professional services procurement process
- Research 5-D software solutions for architectural/ engineering & construction services
- Establish government contract tracking system

**Barton Malow Design**  
Southfield, MI  
02/2005-01/2006

**Senior Architect**

**Primary Projects & Responsibilities:**

**Comcast Call Center Expansion & Renovation**

- \$3 million building expansion & renovation project
- Created & coordinated the production of plans, elevations, sections, details, & schedules required for construction
- Provided construction oversight & consultation services

**Valassis Post Order Building Renovation**

- \$2.7 million building renovation project
- Researched & recommended construction materials
- Created & coordinated the production of plans, elevations, sections, details, & schedules required for construction
- Provided construction oversight & consultation services

**Gaudior Academy**  
Inkster, MI  
09/2003-08/2004

**Building Construction Consultant**

**Primary Project & Responsibilities:**

**Gaudior Academy Building Purchase & Renovation**

- \$3 million building purchase & renovation project
- Researched & recommended construction materials
- Reviewed construction plans, bids & construction services providers
- Provided construction oversight & consultation services to building owner

**Harley Ellis**  
Southfield, MI  
07/2000-05/2004

**Architect / ISO 9001-2000 Auditor / Lab Planner**

**Primary Projects & Responsibilities:**

**General Motors R&D Tech Center Renovation**

- \$99 million historic laboratory building renovation
- Interviewed 100+ scientist to assess facility, equipment & service requirements for wet & dry laboratories
- Defined customer requirements & assessed hazardous materials levels
- Developed preliminary layouts based on space allocations & adjacency requirements
- Reviewed preliminary designs with end user(s) & negotiated changes & additional requirements  
Developed final designs for customer approval

**University of Cincinnati Medical Sciences Building and Center for Academic Research Excellence Renovation and Expansion**

- \$160 million laboratory & research facility seeking LEED Silver certification
- Researched elevator manufacturers' designs & specifications to meet design requirements for speed, capacity, aesthetics and machinery requirements
- At request of lead architect, developed 150+ partition types to meet varying conditions in material & structural requirements
- Assisted in the production of construction documents –plans, elevations, sections, details, & schedules

**Saginaw Valley State University College of Education**

**Andrews University Howard Performing Arts Center**

- New \$20+ million & \$10.5 million (respectively) construction
- Used 2-D design information to create 3-D model of building in Microstation TriForma V.8
- Directed & coordinated the production of plans, elevations, sections, details, & schedules required for construction
- Tracked issues & conducted coordination meetings with mechanical, electrical, structural, & design departments to resolve conflicts

**Oak Ridge National Laboratory Research Facility**

- Per customer-defined program, created three optional space planning scenarios for each program space; e.g., offices, classrooms, auditorium, kitchen, lunchroom and other support services

**Albert Kahn  
Associates  
Detroit, MI  
10/1997-07/2000**

**Intern Architect / ISO 9001 Auditor /  
Quality Resource Team Statistical Group Leader**

**Primary Projects & Responsibilities:**

**Johns Hopkins University Hospital Pharmacy Relocation**

- Managed production of architectural drawings for pharmacy relocation project
- Researched security & safety devices for protection of controlled substances at client request
- Conducted problem-solving sessions to resolve issues with mechanical, electrical & structural disciplines caused by existing building conditions

**General Motors Acceptance Corporation**

- Worked on on-going global contract to provide office fit up
- Conducted client interviews to assess requirements and establish design direction
- Created multiple space planning designs for Canadian GMAC office

**Toyota Motor Manufacturing**

- Created construction drawings & details for pits & trenches in automotive manufacturing facility
- Reviewed shop drawing submissions for pit steel

**Michigan Automotive Compressor**

- Created construction plans & details for manufacturing & office building renovations

**General Motors World Wide Facilities Group**

- Provided on-site assessment of existing factory building which had been previously converted to warehouse facility
- Documented existing structure, layout, finishes, & condition
- Created as-built electronic drawings for customer's future use

**Internal Customer Assessment & Development**

- Elected by peers to lead 7 member statistical quality assessment team
- Professional Development & Education Committee member
- As ISO 9001 Auditor, conducted assessment of internal corporate policies & procedures to insure compliance with international standards
- Developed Excel-based Intern Development Program (IDP) tracking system & assisted architectural interns in tabulating their experiences

**Lawrence Technological University Adjunct Professor of Architecture**

Southfield, MI

05/1999-12/1999

- Taught *Research Methods* and *Architectural Theory* in the Graduate School of Architecture at the request of the university administration

**Lawrence Technological University Architectural Teaching Assistant**

Southfield, MI

09/1992-5/1996

- Provided teaching & research assistance to architecture professor

**GM Truck & Bus Group**

Pontiac, MI

01/1984-6/1990

**Engineering Specifications Analyst**

- Created engineering specifications for heavy duty & medium duty trucks

**GM Detroit Diesel Allison**

Redford, MI

09/1977-12/1983

**Engineering Specifications Writer**

- Created engineering specifications for diesel engines

**River Rouge Public Schools**

River Rouge, MI

08/1976-6/1977

**Teacher**

- Taught Music, Special Education and Second Grade

• Prior employment history available upon request.

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## Education

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### Lawrence Technological University

2009 - Master of Architecture

1996 - Bachelor of Architecture

1995 - Bachelor of Science in Architecture

Distinction

Graduate Professional Degree  
with Distinction

Magna cum Laude

### Marygrove College

1975 - Master of Education

1969 - Bachelor of Music

Magna cum Laude  
cum Laude

### Henry Ford Community College

Calculus, Business Law, Fortran, Architectural Drafting

### Wayne State University

Basic Drawing I & II

### Additional Training

Revit Architecture

AutoCAD

Microstation

Access

Excel

Statistical Thinking

ISO Auditor Training

Total Quality Service

Word

Construction Document Technician

Investment in Excellence

Phillip Crosby Quality Training

Detroit Diesel Engine Service Training

CADAM Computer Graphics

School Board Leadership Training

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## Certificates & Licenses

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Registered Architect

NCARB Certification

LEED Accredited Professional

Association of Licensed Architects

State of Michigan

National Council of Architectural Registration Boards

U.S. Green Building Council

Member

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## Honors & Activities

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President of Gaudior Academy Board of Trustees

Vice-President & Director of Gaudior Foundation

Member Tau Sigma Delta Honor Society

Recipient of Women in Construction Scholarship

Volunteer for Kiwanis Children's Book Collection

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## References

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Available upon request.

# WALTER L. STEPHENS, JR.

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mochrist@yahoo.com

**OBJECTIVE:** A challenging position in Systems Engineering that demands diversity of project management and systems analysis/development skills also requiring leadership within a team oriented environment.

**EDUCATION:** Tuskegee University, Tuskegee, Alabama;  
Bachelor of Science in Electrical Engineering; July 31, 1998

**HIGHLIGHT OF SKILLS:**

- Comprehensive use of Project Leadership skills throughout engineering experiences
- Diversity of Information Systems experience which includes development of systems in automotive manufacturing facilities.
- System level understanding of various types of manufacturing systems that utilize computer based controls. Systems include to component assembly processes, vehicle assembly process, Vehicle testing, data collection and more.
- Provided onsite and remote troubleshooting of manufacturing systems critical to vehicle production.
- Information Systems knowledge includes experience with mainframe based (VAX/VMS) systems as well as client-server environments (PC based)
- Thorough understanding of the challenges of the vehicle manufacturing environment as well as product development

**PROJECT LEADERSHIP:**

- Performed as program manager as technical resource to automotive assembly plants to implement production critical vehicle test systems.(Ford vehicle operations test strategies)
- Managed team interaction to develop software and hardware systems for vehicle powertrain diagnostics, and also brakes testing. (Ford vehicle operations test strategies)
- Manage with diverse team to re-configure information systems based vehicle test system in automotive assembly plant. Coordinated with plant facilities engineering, electrical contractors, mechanical contractors, and assembly plant management. (Ford vehicle operations test strategies)
- Acted as team liaison to management at various assembly plants (Ford vehicle operations test strategies)
- Set team direction to implement test systems hardware and implementation and continued development of software systems, all systems production critical. (Ford vehicle operations test strategies)
- Lead direction in problem solving of systems issues of test systems by bringing in appropriate technical personnel to solve test systems issues that were vehicle related, software related information systems related or supplier related. (Ford vehicle operations test strategies)
- Acted as central engineer responsible for release of products to implement project to change method of service for vehicle locking systems, saving \$10.5 million annually. (Ford AVT mechanical security)
- Managed fabrication and modification of cable systems which included procurement, communication with diverse teams (engineers, lab supervision, technicians) to communicate engineering direction. (Hughes missile systems)
- Manage completely, development of power supply system to meet energy requirements of particular vehicle programs, overseeing all interaction with vehicle engineers; Performing all development testing; manage work provided by suppliers, specifically engineering work. (Ford AVT Power Supply)

**INFORMATION SYSTEMS:**

- Managed implementation of information systems to test vehicles in automotive manufacturing plants (Ford vehicle operations test strategies)
- Determine future tooling and cost of future computer based test systems. (Ford vehicle operations test strategies)
- Determine future requirements of test systems equipment and software (Ford vehicle operations test strategies)
- Acted as technical resource to assembly plant, and vehicle program to determine appropriate hardware modifications and future hardware implementation (Ford vehicle operations test strategies)
- Acted as technical resource to assembly plant, and vehicle program to determine appropriate software systems solutions to implement corporate testing strategy (Ford vehicle operations test strategies)
- Lead in upgrade of Information systems technology used to test current and future model vehicles (Ford vehicle operations test strategies)

- Helped manage Small Workstation Network of Sun Workstations, IBM AIX stations and DEC stations. Gained Sun OpenWindows experience and UNIX user knowledge. (Tuskegee University)
- Developed control software (In Microsoft C) for power supply test fixture. Researched use of software for military specs applications; Necessary skills acquired included C language programming, familiarity with the IEEE-488 Gpib programmable interface, technical knowledge of power supply specs and experience in interpretation of Engineering specs, including military specs. (Honeywell Inc. Test Instruments Division)
- Developed prototype architecture for group warranty tracking system implemented in Microsoft Excel; Prototype included automated, file interaction and graphics capabilities; also included data translation and analysis in various software schemes; Analyzed existing network and suggested techniques of electronic transfer of warranty data that would not require additional training. (Ford Electronics Division)
- Developed user interface for CAD tools dealing with Signal Integrity. Provided some software support and maintenance of these CAD tools Familiarity with VAX/VMS operating system, the VMS command definition language, TPU editor, BLISS programming language, VAX debugger, and various software development library routines was necessary.(Digital Equipment Corporation)

#### MANUFACTURING SYSTEMS:

- Provided manufacturing process engineering resource to assembly plant to properly utilize vehicle test systems for vehicle build quality analysis and monitoring of vehicle failures (Ford vehicle operations test strategies)
- Provided vehicle launch support to provide feedback from manufacturing test system to plant engineering and plant management, tailoring system to provide appropriate production data (Ford vehicle operations test strategies)
- Performed troubleshooting of production critical manufacturing systems(computer base test systems) to provide prompt support and minimize downtime of systems (Ford vehicle operations test strategies)
- Provided both onsite and remote troubleshooting of production critical computer based test systems for several assembly plants. (Ford vehicle operations test strategies)
- Provided process verification and cost reduction technical resources to several manufacturing processes. (Ford AVT mechanical security)

#### WORK EXPERIENCE:

June 2005 to Present	<b>Ford Motor Company Dearborn, MI</b> <i>Vehicle Electrical Systems Engineer. Advanced Product Creation, Development/Definition of future vehicle electrical architectures and systems</i>
March 2000 to May 2005	<i>Product Design Engineer. Power Supply Engineering. Handle Design &amp; Release responsibility of power supply for vehicle electrical system.</i>
August 1998 to February 2000	<b>Ford Motor Company Advance Vehicle Technology (AVT) (Contractor - Bartech Inc.) Dearborn, MI</b> <i>Product Design Engineer. Power Supply Engineering. Handle Design &amp; Release responsibility of power supply for vehicle electrical system.</i>
April 1997 to June 1998	<b>Ford Motor Company Advance Vehicle Technology (AVT) (Contractor - Bartech Inc.) Dearborn, MI</b> <i>Product Design Engineer. Mechanical Security Systems. Responsible for current model product engineering of Locks within AVT</i>
March 1996 to March 1997	<b>Ford Motor Company Vehicle Operations (Contractor - Bartech Inc.) Dearborn, Michigan</b> <i>Manufacturing Process Engineer. Test Strategies Section. Responsible for implementing global testing strategies for all OBD II based and related testing of Vehicles in all assembly plants</i>
Feb-June 1995	<b>Hughes Missile Systems Company Tucson, Arizona</b> <i>Electrical Engineer Standard Missile Test Systems Engineering</i>
June –August 1993	<b>Tuskegee University School of Engineering Tuskegee, Alabama</b> <i>Lab Monitor UNIX Workstation lab. Work-Study Position.</i>
May – August 1990, 1991, 1992	<b>Ford Motor Company Electronics Division Dearborn, Michigan</b> <i>Engineering Co-op Sensor, Ignition and Load Management Department</i>
May- August 1988	<b>Honeywell Inc. Test Instruments Division Littleton, Colorado</b> <i>Quality Engineer Intem Software Quality Assurance.</i>

#### APPLICABLE SKILLS:

Microsoft Office professional; WERS, PROFS; Ethernet Implementation; Netscape Communicator; C Programming language, BLISS a structured high/low level language; Programming in FORTRAN, BASIC; VAX/VMS, SunOS, Sun OpenWindows, UNIX, IBM AIX, DEC Ultrix, IBM PC and compatibles, Apple Macintosh, HP 4192 Impedance Analyzer, HP Frequency Counter, Tektronix Storage Oscilloscope w/FET probes, Ruska high accuracy pressure controller

#### ACTIVITIES/AFFILIATIONS:

*National Society of Black Engineers (NSBE) - Chapter President, Vice-president, NSBEnet/computer coordinator, Proposal Chairperson; FORTRAN tutor for school of Engineering; Counselor/Teacher Focus High School Outreach sponsored by T.U. School of Engineering and NSBE;*

#### REFERENCES:

Available upon request