

Photos for PrivileG&D

PRIVILEGE & D

Experiences From My Unusual 40-Year Career
with One of America's Most Iconic Companies



Michael A. Davi

memoir



Bursting with interesting and uncanny experiences, Michael A. Davi outlines a most unusual 40-year professional career with one of the most iconic companies in America. He begins his tale with some carefully researched stories of his four immigrant grandparents, each of whom was employed by GE at some point in their lives. As the first in his family to graduate college, earning an engineering degree, Davi was able to open doors that neither he nor his grandparents ever would have dreamed possible. Extraordinary work assignments, business travel across four continents, flights aboard corporate jets, and opportunities to work alongside some of the top talent in the company are all part of the story. His tale is brimming with fascinating characters, global adventure, drama, success, tragedy, disappointments and rebounds. Through highs and lows, noting lessons along the way, Davi's story truly captures his unique experience of the American Dream.



To learn more visit www.michaeldavi.net
& follow Michael on Twitter: @MDavi_Author

 THE TROY BOOK MAKERS

978-1-61468-469-5



Dedication

Dedicated to Memory of My Parents



Melinda G. Davi
Sep 7, 1930 - Jul 30, 2018



Gabriel L. Davi
Jan 12, 1929 - Dec 27, 2005

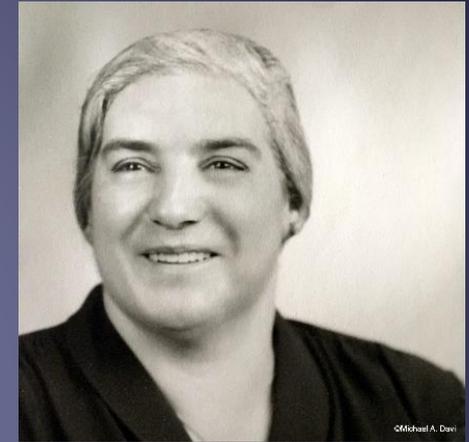
Prologue: Four Immigrant Grandparents from Italy's Capagna Region – all once were GE employees



Maddelena Musco Iacobucci **Antonio Iacobucci**
May 1, 1903-Nov. 7, 1967 Jul. 2, 1893-Feb. 22, 1989
Caizzo, Italy Castel Campagno, Italy



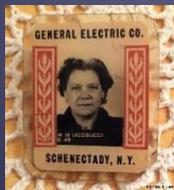
Michael (Iadevaia) Davi
Dec. 26, 1894-Jan. 30, 1942
Dugenta, Italy



Filomena Caso Davi
Aug. 26, 1904-Sep. 24, 1982
Ariano Irpino, Italy



Province Map of Campagna Region



**Maddelena's GE ID Pin and
Badge from 1940's and 1950's**

Over 2 Centuries of 'Family' GE Service

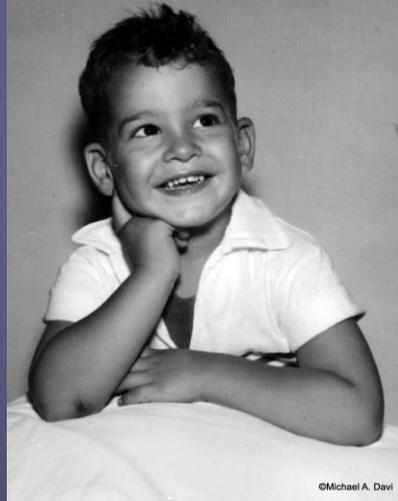
Name	Relation	GE Service Years	
Michael Davi	Grandfather	19	<i>Est.</i>
Antonio Iacobucci	Grandfather	5	<i>Est.</i>
Maddelena Iacobucci	Grandmother	14.5	
Filomena Davi	Grandmother	12	<i>Est.</i>
Mary Demania	Aunt	3	<i>Est.</i>
Henry W. Frick	Uncle	9	<i>Est.*</i>
Gert (Gina) Frick	Aunt	10	<i>Est.*</i>
Michael Sikorski	Uncle	26	<i>Est.</i>
Michael Davi	Self	40	
Alan Demania	First Cousin	32	
K. "Gynger" Frick- Connolly	First Cousin	18	
Brian Connolly	Husband of Cousin	28	Current Active Employee
TOTAL SERVICE YEARS		216.5	

** Does not include 20+ years with GE spin off Value Analysis, Inc.*

Prologue



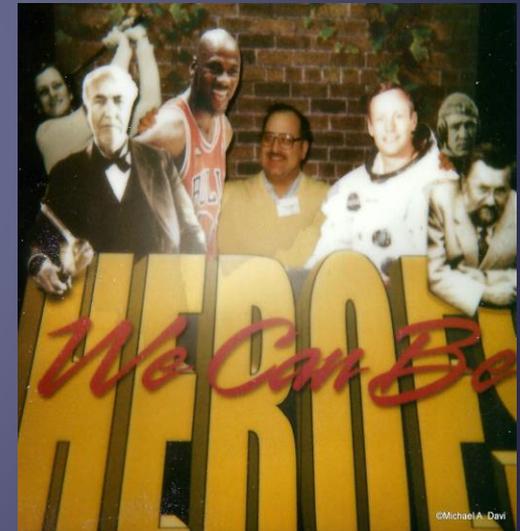
My one and only photo in GE Works News in 1955
Perhaps a premonition that I was going to be a GE guy?



Pondering my future



Calculating a plan



Standing among heros

Chapter 1: Foot in the Door



Gert "Gina" V. Frick
Aug. 1, 1933 – Dec. 11, 2002

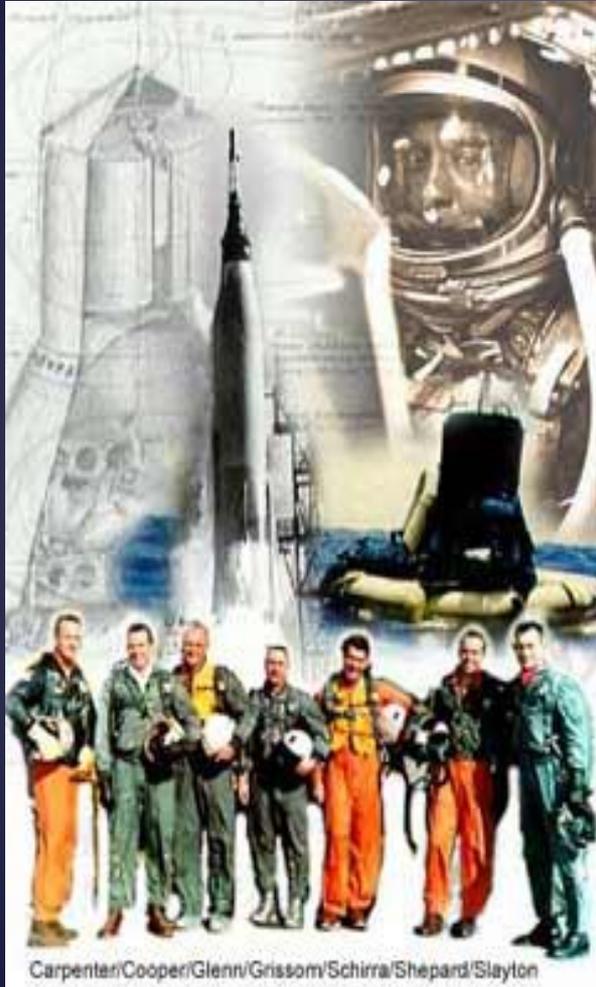
Aunt Gina, mom's younger sister, also a one time GE employee, greatly influenced me. She gave me the lead for my first GE Co-Op Assignment which directly led to my first professional position, launching my career.

NOTE: Photo taken at Sheraton Palace, San Francisco where I was a GE Presenter at an SOA Conference in 1990's

Chapter 1: Foot in the Door

(continued)

Gemini 10
J.Young & M. Collins



Original Mercury 7



the polytechnic
All American 1968-1975

Rensselaer Polytechnic Institute, Troy, N.Y.
Entered As Second Class Mail: Troy, N.Y. 12180 and
Additional Entry At Latham, N.Y. 12110

Volume XCVI No. 25 Thursday, April 22, 1976

Cronkite booked to give commencement address

Walter Cronkite, veteran television reporter and anchorman of "The CBS Evening News," will speak at Rensselaer's commencement ceremonies on May 14, the Institute announced this morning. Preceding him the night before at baccalaureate services will be former senator and current presidential candidate Eugene McCarthy.

The 52-year-old Cronkite, a journalist for 40 of those years, has been described as "the single most convincing and authoritative figure in television news" by Time magazine. He was recently voted the sixth most influential person in America today in the 1976 edition of the U.S. News and World Report's annual survey "Who Runs America?"

In his 25 years with CBS News, Cronkite has covered virtually every major news event, the assassinations of the '60s, the space program, Watergate and many others. He received two Emmy awards for his timely coverage of the Apollo flights.

Silver tongue

His credits as an interviewer are long, including such figures as Alexander Solzhenitsyn, Dr. Daniel Inoué, Egyptian President Anwar El-Sadat, and a marathon with Dwight David Eisenhower. In the early '70s he conducted a series of informal discussions with former President Lyndon B. Johnson, the last one taking place 10 days before Johnson's death.

Cronkite has also been featured on many other news presented on the CBS Television network.

He also covered the early atomic bomb tests in Nevada. Cronkite is married, lives in New York City, and is the author of the 1971 book *Eye on the World*. He will be receiving an honorary doctorate at the Friday morning commencement exercises as will two other people, Dr. Ruth Patrick, limnologist and Chairman of the Board of Trustees of the Academy of Natural Sciences of Philadelphia, and Nathan Cohn, Executive Vice President for Research and Development of Leeds and Northing and a pioneer in the field of automatic control of power systems.

Long teaching record

Thursday night's baccalaureate services will feature as speaker Eugene McCarthy. Born in Watkins, Minnesota, in 1916, McCarthy went through careers as a high school and a college teacher in Minnesota, a wartime code breaker, and again a professor, before being elected to Congress in 1949. In the '50s he founded the Democratic Study Group in Congress, that came to be known as "McCarthy's Mavericks."

His strong opposition to the war in Vietnam led him to challenge Lyndon Johnson for the Democratic Presidential nomination in 1968, where he put in a respectable showing by winning many again announced that he would seek the Presidency, this time as an independent candidate.

WALTER CRONKITE, television anchorman and reporter, will be this year's speaker at Commencement to be held on Friday, May 14.

Who is the Hunter



South Florida



Rensselaer



Union



Apollo 11
Armstrong, Collins, Aldrin

Education was the crucial enabler!

Chapter 2: This Job is For the Birds

Strange start to a GE career



On **November 12, 1975**, an Overseas National Airways, Inc. (ONA), McDonnell-Douglas DC-10-30 operating as Flight 032, crashed while attempting to take-off from runway 13R at the John F. Kennedy International Airport, Jamaica, New York. No fatalities, but plane was a total loss. Powered by GE CF6-50 Engines – bird strike was the cause of the accident.

Chapter 2: This Job is For the Birds

(Continued)



Great Black Back



Herring Gull



Laughing Gull



Dr. Gerry Hahn



GE CF-6 Engine



Brigantine National Wildlife Preserve



Beachfront Motel on Brigantine Island, NJ
(l to r) me, Dani, Dr. Mike Shalter

Chapter 3: Next Up

“Rent-An-Engineer”



Motor housing vibration tests

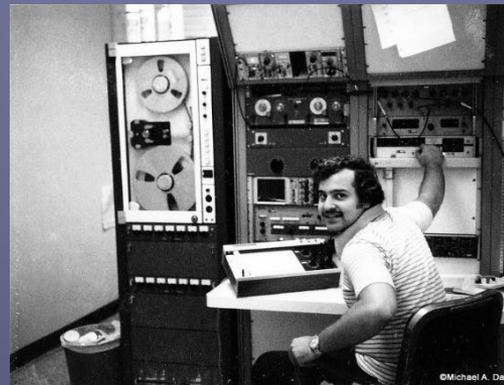


NYC – Dec 1976

This job almost ended it all;
Note the stirrup (orange circle)
used to exit motorman cab



Starting 2MW Compressors
for combustion tests @ 3AM



Data reduction using state-of-the-
art HP Analyzers and plotters



Norman R. Montague Sr.
Jun 13, 1932 – Oct. 24, 1985

Chapter 4: Anchor's Away



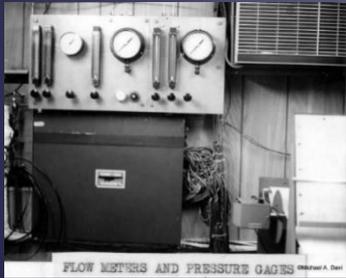
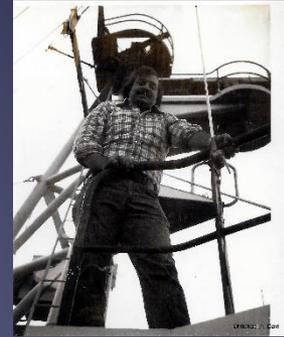
Life Boat Drills on Callaghan



GTS Admiral Wm. M. Callaghan



Callaghan "Crows Nest"



Sodium sampling flow and pressure controls



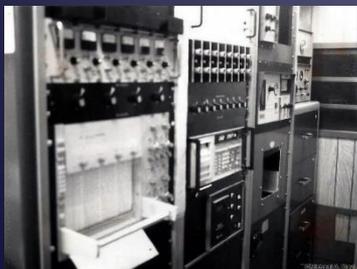
Rough North Atlantic



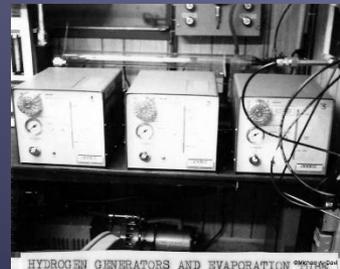
GTS Callaghan Underway



Engine Water wash samples



HP Data System



H2 Generators



Me in Jeep on main deck



DD 963 Spruance Class Destroyer

Chapter 5: Feeling the Heat



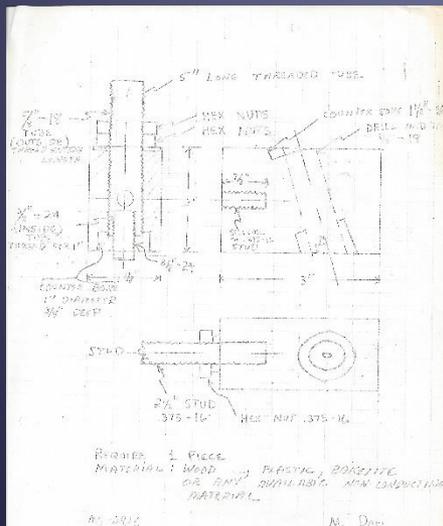
Infra red thermographic image



Steel mill in Detroit looked like this



Proximity sensor (bottom) with matching microdot cables & signal conditioner



My Original hand sketch of proximity probe holder



GE 5000 HP DC Motor in steel mill driving stainless strips across rollers

Chapter 6: Playing with Fire



**My first GE patent award 1979 (filed)
“Acoustically Tuned Combustor” (granted 1983)
(l to r) R. Schiefer, L. Carlstrom, me, M. Hilt**



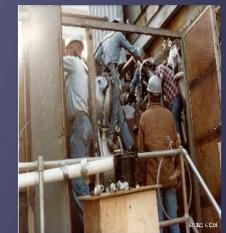
**Mini 6- inch diameter prototype Low NOx
Combustor (l) and outer casing (r) for testing at
GE Aviation – Evendale, OH under EPRI program**



**At Purdue with world renown combustion
expert Prof. Arthur H Lefebvre**



Fred Wilhelm



**Conducting successful Multinozzle “Quiet” Combustor
Test under EPRI Program in Texas - 1981**

Chapter 6: Playing with Fire

(continued)



GE Dassault Falcon Jet



Visiting "Flak Bait" at Smithsonian



"Flak Bait" B-26 and her crew



Falcon cockpit view from jump seat



Famous B-26 "Flak Bait" Nose Art



First Solo Flight Dec 15, 1970



Lt. Jim "Boss" Farrell,
commander of "Flak Bait"
Later was Chief GE Corporate Pilot

Chapter 7: Nuclear Detour



©Michael A. Davi

KAPL Trick or Treat?

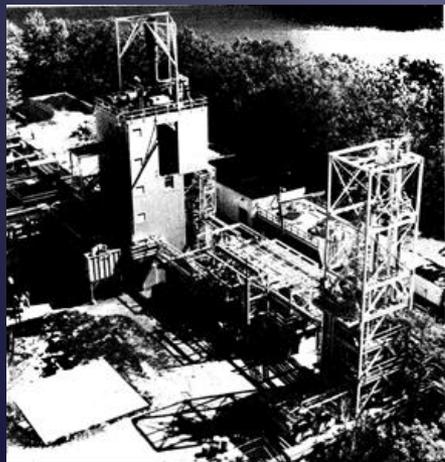


God bless JF. Thanks JD, Joe and Gang!



©Michael A. Davi

Union Masters Graduation



Coal Gassifier @ GRC



©Michael A. Davi

GE "Survivors" Softball Team



©Michael A. Davi



©Michael A. Davi

Union MS Grad - 1983

Chapter 8: Where Have I Landed?



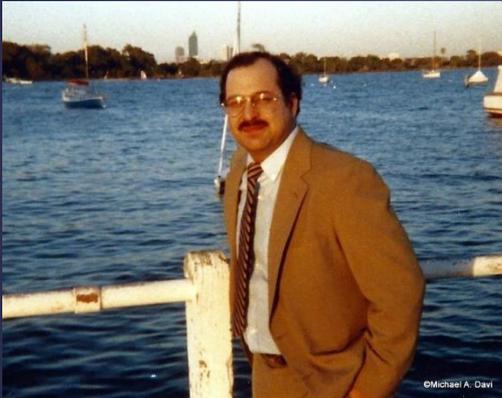
Applications --~1985



Shangri-La Hotel Pool, Singapore



Singapore Water Front



Sydney Harbour Scene



Sydney Harbour Bridge



Sky cable to Sentosa Island Singapore



Swan River Perth, Australia



Bob Gessner
Applications Engr. Mgr.



Sydney Opera House

Chapter 9: Harpooning A Whale



First major management award for contributions to win \$250 million order from major SE customer (l to r) J. Patterson, me, J. Hopkins, R. Allen



16 x MS7001EA's Multinozzle Units in one of largest peaking GT plants in US (~ 1300 MW)



Frank Brooks



Bill B. – Customer Account Executive



California 7FA Single Shaft in sugar mill Co-Gen application

Gas Turbine Applications Engineering Became A Career Defining Role

Chapter 10: Fun in the Sun



©Michael A. Davi

Second major managerial award for another \$140 Million strategic project win in SE USA.
(l to r) J. Hopkins, me, Saul Kaplan, J. Patterson, S. Drapala, A. Maddus, R. Allen



©Michael A. Davi

“Emissions Impossible” team in Albuquerque, NM
(l to r) R. Pavri, J. Chalfin, Marv Schorr and me



Turbo-Expo 1993
Cincinnati, OH



M. Jeane Place



B.L. Bailey



Nancy D. Fitzroy

Three outstanding women pioneers in Engineering



Turbo-Expo 1996 UK
(l to r) H Frick, K Frick, me

Winning projects, active in ASME/IGTI, educating Federal & State regulators, working alongside terrific people, nothing could be finer

Chapter 11: Three-Peat



A third major business award for winning yet another strategic SE Utility Project (l to r) Boris G. Ted Chamberlin. Terry P. Dan P., me



GE Sr. VP Del Williamson presenting award

Time to move on.....



M. Henderson
GE Customer
Account Exec



Sal DellaVilla, CEO
Strategic Power Systems



Presenting at ASME Turbo-Expo 2003
Atlanta, GA



C. Nelson
Sales Mgr.

Chapter 12: Go Configure!

Merlin Team Leads



J. Keller



L. Hall

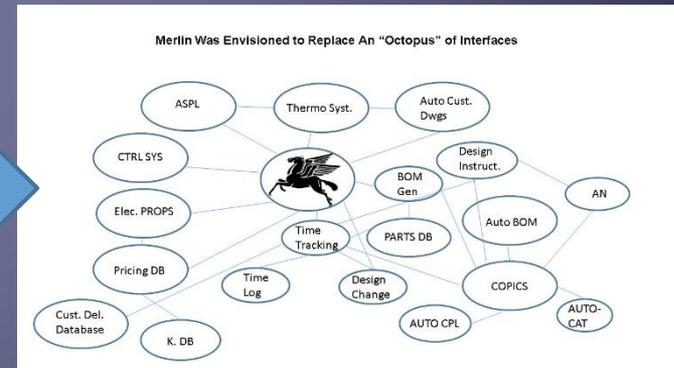
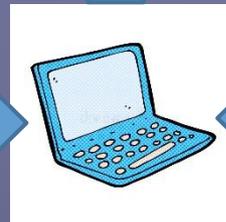


T. Shields

Configure a power plant in a few mouse clicks?



EV where have you gone?



Depiction of requisition legacy software with complex "one-to-many" & many-to-one relationships

An Adventure into Artificial Intelligence
aka "Technology Enabled Selling"

Chapter 13: Whale Encore



Hosting "Whale" staff at our Greenville, SC plant



Billion \$ Regional "Bubble" Team Celebration



100th Gas Turbine Celebration
with our "Whale" Customer

Chapter 14: Analyze This!



Surprise 50th with JD Warren...



Gift flight in AT-6 Fighter



Home cooking with my International TSP Trainees (l to r) Jeanine C., Simon H. & Suniti "Apple" T. next to me.



... and Lou Moretti



Conceptual Design Team



Jomi & Cheri too!



Integrated Performance Team



Harold Miller
Mgr. Conceptual Design



Clem G.
Mgr. Integrated Performance

Chapter 15: Completing the Circuit

Business Awards - FE50 Plant Design 2014 & 2015!



Roger Doyle



Xiaojun Gao



Pascal Dominiak



Sean O'Meara



Justin Spade



Scott Irwin



Erhan Karaca



Peter Schmidt



Mike Davi



Outstanding collaboration with the best cross functional teams



Success Looks Like This!
Moving a 1,000,000 lb generator



Solving tooling issue with full size mock up in Albany RDC



Sandra Kolvick in Combustor Port
Truly "hands-on and in"

What a Finish!

Chapter 15: Completing the Circuit



Schenectady Chief Engineers Meet Dr. Story Musgrave (l to r) J. Cotroneo, LB Davis, R. Smith, me, Story, K. Barb



Musgrave fascinated By GE90 fan blade



Meeting astronaut hero, Dr. Story Musgrave

Services Engineering Leadership



After dinner chat



Steve Hartman



J Mestroni

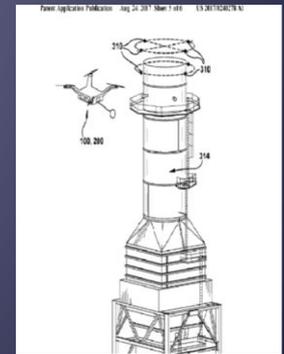


C. Verhoeven

Robotics Fun Leads to Patent #17 Using UAV



"Baxter"



UAV inspection sketch from US 9738381

GRC Leadership



Story's Briefcase with 6 Shuttle mission logos

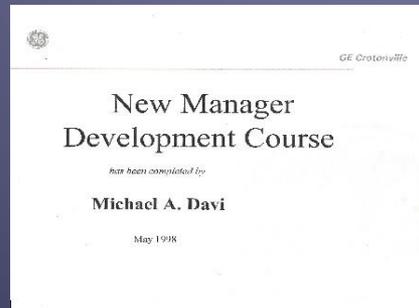
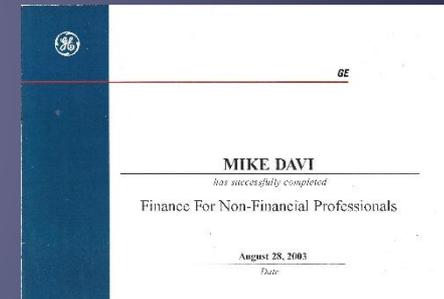
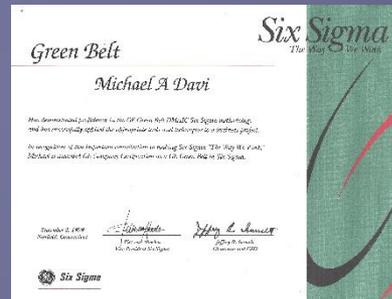
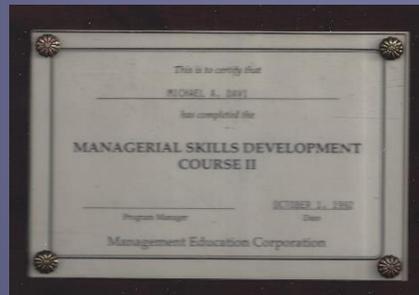
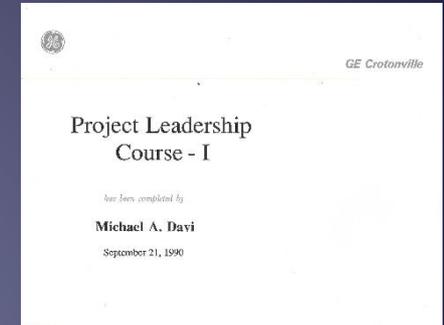
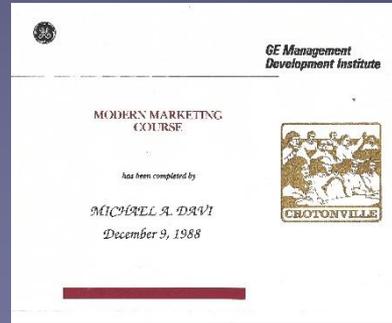
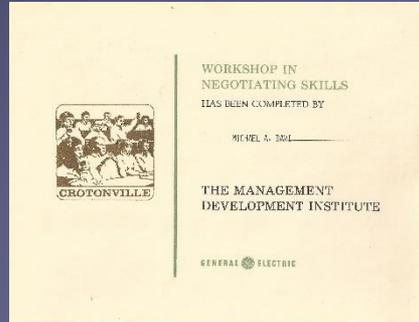
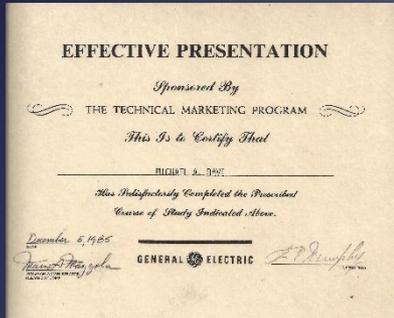


Rusty Irving



Mark Little with me at my retirement party

Lifelong Learning Opened Many Doors





The General Electric Company
gratefully honors

Michael Davi
May 2016

for outstanding contributions
during a career of
faithful service and dedication.