

THOMAS N. TALLERICO (AC2WV)
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EMPLOYMENT HISTORY:

1985 – Present Brookhaven National Laboratory, Upton, NY 11973

Principal Electrical Engineer/Senior Project Manager

Responsible for technical project and financial management including budgeting of large-scale physics programs for RHIC.

- Consulted in Harbin, China at the Harbin Institute of Technology as part of the project collaboration for BEPCII.

RHIC Collider Group - Designed and managed construction and costing of PLC based networked cryogenic control systems and vacuum control systems for g-2 physics experiment. Specified all hardware and wrote all software (including graphical interface). Interfaced system to existing Ethernet network for data collection by experimenters. Interfaced with experimenters and vendors to allow for scheduled on time completion.

- Responsible for design of closed loop motion control based system to provide collimation of proton beam in particle accelerator.
- Designed and installed magnetic field measurement system to monitor the magnetic field of Inflector steering magnet for
- g-2 muon physics experiment.
- Implemented and designed Iris Scan, fingerprint & Hand Scan Biometrics systems to prevent illegal access to secure experiments. Work recognized in trade publication.
- **On/Off sight courses** (USPAS Cryogenic Engineering, C, Unix, Labview, NEC, RTP Controllers, Allen-Bradley PLC's, Varian Vacuum. Lessons in Leadership organizational management training series with Robert Cooper and Tom Peters). Project Management. NFPA member. Radio License Extra (AC2WV)
- Personal computer skills (Windows , Office Suite, etc.).

1981-1985 Grumman Aerospace Corp. Bethpage, NY 11714

Project Engineer

Electronic Development Section - Designed and built a system integration test bench for the X-29 Forward Swept Wing program.

- Designed and built a Computer Interface Console for X-29 integration studies at the NASA Dryden Flight Research Facility.
- Field support at the NASA Dryden Facility on field assignment integrating the Digital Control System and the X-29 flight control computers.

1979-1981 LNR Communications Inc. Hauppauge, NY 11788

RF/Microwave Engineer

- R and D Group - Work involved solid state microwave Amplifiers for Ku and S band for satellite Communications.
- Worked with high frequency phase locked loops. Performed R and D on a 5.95 GHz phase lock loop for spaceborne low noise receiver usage.

Secondary Profession- College Professor

2004- Present SUNY, Stonybrook, NY

Adjunct Professor Harriman College of Business

- Undergraduate and MBA Level Finance Courses Traditional and Online.

1999- Present Dowling College, Oakdale, NY

Adjunct Finance Professor Townsend School of Business

- Senior Finance Lecturer in the MBA program.
- Lectured internationally at Moscow Univ. Touro on four occasions.
- Pride award recipient for Fall 2003.

Courses – Financial Derivatives and computer models, Managerial Finance, Risk

Management, etc.

EDUCATION:

Stevens Institute of Technology
**Business Graduate Certificate in Managing Broadband
Telecommunication Networks**
Expected completion 5/2022

Polytechnic Institute of NYU
Certificate in Project Management
9/2009

Pace University, NY, New York
**Master's degree in computer science & Information
Systems**
December 2003
● Graduated with 3.8 GPA

New York University, NY, New York
Certificate in Financial Risk Management
December 2000
● One year Concentration in Financial Risk Management

Dowling College, Oakdale, New York 8/99
Master's Degree in Business Administration Finance
● Graduated with 4.0 GPA
● Co-authored three papers with head of Finance
Department on Energy Derivatives.
● Adjunct in Russia at Moscow University Touro on four
occasions.

City University of New York 1979.
Bachelor's Degree in Engineering Science, Electrical
Engineering major.
● Graduated with honors, 3.7 GPA.

Staten Island Community College
Associated degree in Engineering Science 1976

Brooklyn Technical High School, Brooklyn, NY 1972
Academic degree in electronics.

REFERENCES:

Available upon request.

April 20th, 2021