



**J. DOUGLAS JETER, M.S., P.E.**

Products, Materials Science, Workplace Safety  
djeter@verityconsultants.com

**PROFESSIONAL EXPERIENCE**

- 2010 to present     **Verity Technical Consultants, LLC**     New Albany, OH  
*Principal*  
Providing technical investigations, analysis, reports, testimony and consulting toward the resolution of litigation and claims involving product liability, failures of materials (ceramics, glass, metals, polymers, wood, composites), and workplace safety (State and Federal OSHA incidents, Worker's Compensation claims, Ohio VSSR cases).
- 2010 to Present     **Columbus State Community College**     Columbus, OH  
*Adjunct Faculty*  
Appointments in Mechanical Engineering Technology and Physical Sciences Departments. Courses include Materials & Manufacturing Processes, Physics.
- 2009 to 2010     **Robson Forensic, Inc.**     Columbus, OH  
*Associate*  
Provided investigations, reports, and testimony toward the resolution of litigation and claims involving product liability, failures of materials, and workplace safety.
- 2006 to 2009     **SCI Engineered Materials, Inc.**     Columbus, OH  
*Marketing Manager*  
Provided primary research regarding sputtering target product niches in the semiconductor, photovoltaic, and magnetic media industries. Proposed new products based on this intelligence. Provided program management for developmental products from conceptualization through customer trials.
- 2006     **Capital University**     Columbus, OH  
*Adjunct Faculty*  
Instructed MBA students in Statistics, Analytic and Quantitative Methods.

- 2005 **Edison Welding Institute** Columbus, OH  
*Team Manager / Technology Leader*  
Led ten scientists and technicians of the Microjoining, Plastics, and Ceramics group in materials joining research for industrial and governmental clients. Soldering, brazing, epoxies, resins, ultrasonic and laser welding, etc., were used to resolve materials joining issues for a variety of applications.
- 2001 to **Battelle Memorial Institute** Columbus, OH  
2005 *Project/Program Manager*  
Managed numerous thin film fabrication projects in the Avionics and Electronics Systems cleanroom. Oversaw the redesign, refit, installation, and qualification of an upgraded vacuum deposition system for e-beam coatings.
- Commercialization Program Manager* Columbus, OH  
Assessed very early-stage technologies for spin-out potential. Provided commercialization strategy consultation to Battelle market sectors and DOE labs. Prepared presentations for venture capital investors. Contributed to the creation of Battelle's Technology Acquisition Process.
- 1995 to **Owens Corning**  
2000 *Leader, Process Engineering* Science & Technology, Granville, OH  
Designed, prototyped, and tested innovative packaging systems.
- Composites Planning Process Expert* World H.Q., Toledo, OH  
Translated the operational model of the various European and North American composites reinforcement manufacturing plants into a format that could be processed by SAP enterprise software. Coordinated the creation and implementation of software that disseminated daily sales information to field sales representatives and plant-level production scheduling. Integrated Australian and Indian operations into the global production planning model.
- Composites Planning Manager* Asia/Pacific, Hong Kong  
Compiled training course for fiberglass reinforcement manufacturing and end-use product fabrication, then trained sales and customer service representatives from Korea through India in its use. Created Asia/Pacific sales forecasting and inventory control process. Coordinated trials of fiberglass reinforcement products for regional resin compatibility. Liaised with global manufacturing facilities to resolve local fitness-for-use issues.
- Global Planning Specialist* Composites, Anderson, SC  
Linked global production at OC facilities, licensees, and JV's to global sales forecasts for three product lines. Created one-month, one-year, and five-year production and source-destination plans, taking into account potential production disruptions due to bushing replacements, glass formulation changes, furnace shutdowns for repair/rebuild, and ramp-up of new melters.

- 1994      **BellSouth Comunicaciones, SA**      Santiago, Chile  
*Strategic Planner*  
 Supported launch of domestic and global long distance service during Chilean telecom liberalization. Analyzed PCS wireless technologies, negotiated PCS vendor field trial proposals, and reviewed competitors' spectrum petitions. Member of team that submitted request for 1.8 GHz PCS concession to Chilean Government.
- 1989 to      **General Electric**  
 1993      *Area Coordinator*      Nuclear Energy, Wilmington, NC  
 Directed 34 non-union employees in powder preparation, pellet pressing, pellet sintering, pellet grinding, rod and bundle assembly of UO<sub>2</sub> fuel bundles from UF<sub>6</sub> gas. Responsible for employee safety in an environment containing thermal, chemical and radiological hazards in addition to the hazards (trip/fall, lock-out/tag-out, machine guarding, overhead crane, etc.) typically associated with manufacturing.
- Manufacturing Engineer*      Nuclear Energy, Wilmington, NC  
 Qualified an internal lubricant for pressing UO<sub>2</sub> fuel pellets. Increased productivity 25% via redesigned press feed shuttles and 8% via improved tooling. Created fuel factory computer simulation which resulted in the purchase of \$1M furnace to eliminate a manufacturing bottleneck. Provided technical support for Spanish, Japanese, and Canadian licensees.
- Development Engineer*      Aircraft Engines, Madisonville, KY  
 Designed both the pilot-scale production trials of experimental thermal barrier coatings on jet turbine blades and the subsequent tests of the coated blades produced.
- Toolroom Team Leader*      Aircraft Engines, Madisonville, KY  
 Directed the work assignments of, and responsible for the workplace safety for, 17 union toolmakers in a facility that performed precision fabrication and repair of aerospace toolsets using a variety of mills, lathes, drill presses, and grinders.
- 1985      **Coors Biomedical Company**      Lakewood, CO  
*Technician*  
 Fabricated, sintered, and destructively tested injection-molded ceramic dental crowns.

## **PROFESSIONAL CREDENTIALS**

Professional Engineer: NCEES, South Carolina, Ohio, Wisconsin, Pennsylvania, Michigan, West Virginia, Illinois.

1266 Dobbins Drive, New Albany, OH 43054 (614) 440-1306  
[www.VerityConsultants.com](http://www.VerityConsultants.com)

## **EDUCATION**

MBA, International Business, University of South Carolina, 1995  
MS, Ceramic Science and Engineering, Rutgers University, 1989  
Thesis: "Moisture Penetration in Films and Glasses." Thesis was a collaboration of Rutgers Centers for Ceramic Research and Fiber Optic Materials Research Program.  
BS (cum laude), Ceramic Engineering, Clemson University, 1985

### ***Continuing Education:***

Qualified Crane Signaler & Rigger Training, Mid-America OSHA, 2012  
OSHA 7115, Lock-Out / Tag-Out, Mid-America OSHA, 2011  
Powered Industrial Lift Trucks, Miami Industrial Trucks, 2011  
Metallurgy for the Non-Metallurgist, ASM International, 2011  
OSHA 2045, Machinery & Machine Guarding Standards (31 hours), 2010  
Fracture Analysis and Failure Prevention of Glass and Ceramics, Alfred University, 2010  
OSHA 511, Occupational Safety and Health Standards for General Industry (30 hours), 2010  
Principles of Metal Failure Analysis, ASM International, 2009  
High Powered Ultrasonic Joining, Edison Welding Institute, 2005  
Fuel Cell Manufacturing Issues, National Center for Manufacturing Science, 2005  
Fuel Cell Systems Overview & Modeling, Ohio State Center for Automotive Research, 2003  
The Basics of Material Handling, Materials Handling Institute, 2000  
Fiber Reinforced Plastics School, Owens-Corning Fiberglas, 1995  
Personal Communications Services (PCS), Motorola, 1994  
Telecommunication Fundamentals, CINCATTEL INACAP, Santiago de Chile, 1994  
Intensive Latin American Business Training, Universidad de Costa Rica, 1994  
Nuclear Criticality, NC State University, 1992  
Advanced Statistical Quality Control for Manufacturers, Clemson University, 1991  
GE Chemical and Materials Leadership Program, 1991

## **PROFESSIONAL MEMBERSHIPS**

ASM International  
American Ceramic Society  
Central Ohio Section Chairman, 2004-2008  
Jeppson Award Committee, 2005-2008  
National Institute of Ceramic Engineers

## **HONORS**

Tau Beta Pi Engineering Honor Society  
Keramos, National Honor Society for Ceramic Engineers  
Newcomen Award in Material History  
National Merit Scholar

## **LANGUAGES**

English (native proficiency)  
Spanish (fluent proficiency)  
Portuguese (limited proficiency)  
Mandarin (elementary proficiency)

Expert Not Retained