

## **SUMMARY OF EXPERIENCE**

Mr. Lytwynyshyn has a broad base of professional experience in industry, consulting, and construction with variously sized organizations. George is an outwardly (client) focused program manager whose primary role is to deliver practical cost-effective solutions to organizations with environmental and sustainability issues.

His recent responsibilities included:

- Director of Environmental Health and Safety: Responsible for developing and implementing a corporate EHS system which included a corporate sustainability and environmental social governance (ESG) program;
- Director of Environmental Services: Responsible for managing and developing local, regional and national environmental management services for media assessments/remediation;
- Consulting services for EHS management, and training; and
- Guest lecturer for climate change issues at the University of Illinois Chicago, School of Public Health.

He has established environmental management, engineering and remediation/construction operations for engineering and manufacturing companies. George has an extensive team building and business development record within and across regional and business unit boundaries and a solid combination of business development, networking, client relations, technical and project/program management capabilities.

George is also an adjunct professor at Northwestern University, Department of Civil and Environmental Engineering, Masters in Project Management (MPM) Program where he developed the curriculum for the MPM Sustainability Management initiative; developed and teaches advanced-level courses in Environmental Management and Economics of Sustainability; and, where he is a lecturer for a series of course sessions on business development.

### **Areas of Specialization:**

- Environmental Management: Environmental health and safety programs (EHS); sustainability initiatives; operational audits; corrective actions and remediation; media and asset assessment/prioritization/liquidation; natural resource assessment/mitigation; business development initiatives.
- Project/Program Management – managing diverse disciplines and stakeholder groups
- Client Management/Relations
- Negotiations/Conflict Management

### **Professional Highlights:**

#### Project Development

- Skilled with a broad spectrum of markets and clients, including: small to large industries; industrial, commercial and institutional developers; energy, transportation and waste management firms; attorneys; lenders/investors; PRP groups; and, public (federal, state, county and municipal) agencies /operating entities.
- Entrepreneurial and strategic teaming focus. Initiated several market-driven teaming ventures structured to provide the company with sole-source projects and “added value” for both the client and the company.
- Mobilized company resources in a collaborative manner that provided differentiated and value-driven solutions for targeted initiatives and clients.
- Created sales and technical teams/networks within and across geographical and business unit boundaries.
- Leveraged client networks and company capabilities – established new services in existing offices and new

regions by leveraging strategic corporate and personal client relationships and capabilities.

- Focused and committed to client satisfaction. Monitor project progress and coordinate project review meetings with clients to confirm that their goals and satisfaction are being met. Provide feedback to project teams for improving performance, as necessary.
- Developed and led corporate, regional and local business development and client engagement teams/plans. Monitored plan performance and assisted with identifying and implementing correctives actions, as necessary.
- Experienced with Miller Heiman, Strategy to Win and other proprietary business development and various prospect mining programs. Conducted in-house training for the implementation of these programs.
- Focused management, leadership and communication skills that encourage creative and innovative approaches to problem solution and opportunity development.
- Embrace and encourage “step change” as a means to improve performance and maintain a competitive edge.

#### Projects/Technical:

- Corporate leadership for environmental, health and safety programs. Implementing corporate and facility environmental, health and safety management programs. Performing root cause accident analyses and recommending corrective measures.
- Technical experience includes:
  - Environmental media investigations, assessments and remediation/cleanup
  - Facility siting – engineering and environmental implications. Resource protection/mitigation.
  - Mining – Siting, explorations, regulatory management operations oversight
  - Geotechnical, geophysical, geochemical investigations
  - Sustainability related projects – product stewardship support, energy-from-waste, methane recovery, clean coal conversion, GHG inventories, REC aggregation, carbon/GHG credits
  - Technology transfer
  - Environmental media permitting – air, land, water
  - Facility operational audits, condition assessments and O&M reviews
  - RCRA & CERCLA assessments, feasibility studies, corrective actions
- Experienced in EPC (engineering, procurement, construction) project delivery.
- Project/facility experience includes: abandoned properties; active industrial facilities; commercial sites; institutional facilities, “Greenfield” development; and “Brownfield” redevelopment.
- Successfully developed and managed a diversity of projects. From small (less than \$10,000) assessments, moderate sized (\$100,000 - \$500,000) audits, assessments and design projects through large (\$1 million - \$40 million) multi-disciplined (science, engineering and construction) projects. Realized upward of 40% profit margins using “lump-sum” and other risk/liability approaches.
- Authored several publications in the areas of remedial system assessments, information technology (Y2K), energy alternatives, technology application, rock mechanics and geology.
- Assisted with development of the Sustainability Management Curriculum for the Masters of Project Management (MPM) Program at Northwestern University.
- Adjunct Instructor for Environmental Project Management and Economics of Sustainability in the MPM Program at Northwestern University.
- Guest Lecturer University of Illinois, School of Public Health for climate change/global warming issues.

#### **REPRESENTATIVE WORK EXPERIENCE**

**Milhouse Engineering & Construction**  
EHS Compliance/Permitting Consultant

07/2021 – Present

#### Accomplishments/Responsibilities

- Project Management
- Support for company sustainability program development
- Environmental and Regulatory management support for company’s Nigerian Coal Mine Operation.
- Environmental project support services: indoor air quality management, environmental site assessments, site remediation services, ESG assessments.
- Proposal preparation and business development support

**CTS Corporation**  
Director, Environmental Health & Safety

12/2015 – 01/2019

Accomplishments/Responsibilities

- Responsible for remediation and closure of the company's 'legacy' sites (i.e. former manufacturing sites which require assessment and remediation of soil, surface water & groundwater.
- Developed and implemented the corporation's environmental, health & safety management system.
- Responsible for developing and implementing the corporation's ESG (Environmental Social Governance) program.

**Supply Chain Risk Management, Inc.**  
Principal – Environmental Management, Business Development, Training/Instruction

09/2008 – Present

Accomplishments/Responsibilities

- Project Navigator Ltd.: Positioning firm to open a Midwest operation. Services include Solar Brownfield Development, CERCLA/RCRA remediation project and PRP group management, asset liquidation management and data visualization/management.
- International Intellectual Group: Business development support for LED lighting conversions; development of NGO sustainability programs, stakeholder training.
- Arrow Consulting Services, LLC: Project support for RCRA corrective action at an operating chemical plant – site safety oversight, waste characterization and waste disposal oversight.
- Northwestern University: Program development and course instruction in the Master's in Project Management Program at the Civil and Environmental Engineering Department.
  - Development support for the core curriculum for Sustainability Management Program.
  - Instructor – Economics of Sustainability and Environmental Management courses
  - Instructor – series of business development lectures for proposal writing and strategy to win concepts in a graduate civil engineering course
- Positioning for a renewable [green] energy grid project in the Pacific Islands (client confidential) Other
- Development support for plasma arc waste-to-energy site in Chicago.
- Business Development consulting services
- Strategic program planning for the development of carbon credits from the development of Brownfield properties.
- Training & Instruction – EH&S Management: legacy management, RCRA & Voluntary Remediation Programs, multi-media permits, compliance issues and sustainability/life-cycle assessments

**MACTEC Engineering & Consulting**  
Manager Environmental Services, Chicago

10/2009 – 09/2010

Accomplishments/Responsibilities:

- Re-positioned group for several major new projects, client and service line opportunities that previously could not be achieved in the Chicago office. Leveraged corporate initiatives and expertise into the Chicago marketplace
- Developed/implemented BD strategy, growth plan and process to achieve growth and business development objectives.

**Professional Service Industries, Inc.**  
Vice President /Regional Manager

03/2006 – 08/2008

Accomplishments/Responsibilities:

- Management and growth of PSI services in the Chicago, northern Illinois and northwestern Indiana area. Region consisted of five P&L groups: environmental services, industrial hygiene, facility management, geotechnical/construction material testing and BP project services.
- Despite significant union labor issues maintained the profitability of the region and tripled the revenues of

- the facility management group.
- Implemented successful ‘strategy-to-win’ approach to secure facility condition assessments for 50 high-rise buildings in Chicago.

**Jacques Whitford**

02/2005 – 02/2006

Senior Program Manager (Business Development Role)

Accomplishments/Responsibilities:

- Business development of non-Exelon accounts in the Chicago/Midwest area beyond the single client base of Exelon. Introduced several new clients into the local operation.
- Leveraged/implemented the corporate PARCEL Platform for due diligence reports – resulting in improved due diligence report preparation efficiency and quality.

**The RETEC Group**

05/2004 – 04/2005

Senior Program Manager/Area Manager

Accomplishments/Responsibilities

- Developed and initiated implementation of a regional strategic plan to expand MGP services with existing accounts; leverage existing accounts into non-MGP services, and added new clients/services into the region

**Michael Baker Jr. Corporation**

06/2001 – 01/2004

Senior Program Manager (Business Development Role)

Accomplishments/Responsibilities

- Developed a mix of local, regional and national clients including manufacturing, transportation, commercial/industrial developers and government/municipal agencies.
- Developed a nearly \$100 million pipeline of DOD, USACE and USAF projects for Baker’s civil and aviation groups.

**ENSR Corporation**

05/1998 – 06/2001

Senior Regional Program Manager (Business Development/Growth Focus)

Accomplishments/Responsibilities

- Established the EHS auditing group in the Chicago Office
- Member of National and Regional Hazwaste practice leadership group
- Developed international projects. Leveraged US Monsanto relationship into ENSR Europe.
- Program manager for US Steel Gary Works alliance. Managed/coordinated activities of three consultants for the site-wide RFI/Corrective Action

**GZA GeoEnvironmental, Inc.**

03/1997 – 05/1998

Vice President, Midwest Regional Manager

Accomplishments/Responsibilities

- Developed and initiated implementation of a strategic business development plan to establish MGP services in Chicago

**Self-employed**

12/1996 – 03/1997

Business Development/Marketing Consultant

Accomplishments/Responsibilities

- Assisted companies with developing client networks, identifying project opportunities; and preparing proposals and SOQs in response to specific opportunities.
- Provided market research services to help companies identify and develop strategies for market segments on which they wanted to focus.

**Stanley Environmental, Inc.**  
President and Chief Operating Officer

04/1994 – 11/1996

Accomplishments/Responsibilities

- Joined Stanley Environmental in its third year of operation and grew company to nearly \$2 million in revenues (from \$300,000) and 25 staff in just over one year– unprecedented for SEI
- Leveraged underutilized Stanley Group (parent company) engineering contracts into over \$1 million of revenue for Stanley Environmental.
- Pioneered voluntary clean-ups for clients by negotiating clean-up goals with state agencies to facilitate commercial and institutional development.
- Developed several significant business development opportunities in Europe and Asia through participation in key international energy and environmental symposia.

04/1990 – 04/1994

**Fluor Daniel Environmental Services, Inc.**  
Director, Commercial Program & Regional Manager, Midwest

Accomplishments/Responsibilities

- Established the Midwest regional environmental business unit operation for Fluor Daniel. A full-service group that provided engineering, procurement and construction (remediation) services.
- Promoted to manager for the commercial sector of the corporate Environmental Business Unit. Assessed and formulated technical resource allocation plans; directed and participated in sales/marketing efforts; established, reviewed and negotiated commercial terms/conditions and contracts
- Developed a \$40million remediation project in Gary, Indiana.

**Donohue & Associates, Inc.**  
Manager, Environmental Services & Manager, Environmental Services Development

10/1985 – 04/1990

Accomplishments/Responsibilities

- Established an environmental services group for Donohue in the Chicago area.
- Promoted to manager of Environmental Services Development to increase Donohue's private sector environmental services.
- Established the due-diligence practice for Donohue

**Woodward Clyde Consultants, Inc.**  
Senior Project Manager

11/1983 – 10/1985

Accomplishments/Responsibilities

- Project manager for multiple CERCLA investigations and feasibility studies.
- Conducted compliance audits, site assessments and RCRA permitting for various industrial clients

Reason for leaving: Left voluntarily to pursue career growth at Donohue & Associates.

**ESCOR, Inc.**  
Vice President

12/1978 – 11/1983

Accomplishments/Responsibilities

- First staff person hired by two-person consulting firm. Helped grow firm to a 30-person consulting firm
- Project manager for landfill methane characterization study. Developed sampling procedures for sampling and measuring landfill gas emissions
- USDOE energy-from-waste projects – monitored the technical performance of national energy-from-waste projects including RDF, digester gas, landfill methane, and cogeneration.
- Performed regulatory impact studies for mining, fuel conversion and methane recovery regulations

**Northwestern University**  
Graduate studies in Mineral Resource Engineering and Management

1977 – 1978

**Paul Weir Company**  
Staff Geologist

10/1975 – 06/1977

Accomplishments/Responsibilities

- Responsible for mine siting field investigations, mining feasibility studies, coal exploration studies and reserve assessments.

**AMAX Coal Company**  
Staff Engineer

05/1974 – 10/1975

Accomplishments/Responsibilities

- Mining Plan Automation – developed computer aided systems for the interpretation and application of geological data to mine layout, sequencing and planning.
- Prepared training seminars and consultations with corporate groups for implementation of the automation program. Interacted with corporate executives to implement the program.

Reason for leaving: Left voluntarily to pursue career advancement in geological field studies.

**OTHER PROFESSIONAL ACTIVITIES**

- Chemical Industry Council of Illinois (CICI)
- ACEC – Illinois
- Air and Waste Management Association
- BOMA
- Chicago Press Club
- HESNI – Healthcare Engineers Society of Northern Illinois
- ICSC – International Council of Shopping Centers
- International Press Club of Chicago
- NAIOP – National Assn. Industrial & Office Properties
- National Brownfield Association
- NAEP – National Association of Environmental Professionals (Illinois)
- NICAR – Northern Illinois Commercial Association of Realtors
- SAME – Society of American Military Engineers
- SOCMA – Synthetic Organic Chemical Manufacturers Association
- TRMA – Three Rivers Manufacturer’s Association
- Urban Land Institute
- USGBC – US Green Building Council, Chicago Chapter

**EDUCATION**

Northwestern University -- MS, Civil Engineering  
Northwestern University -- BS, Geological Sciences

**AWARDS:**

- National Academy of Sciences, Outstanding Student Research in Rock Mechanics.
- Domestic Mining, Mineral & Mineral Fuel Conservation Fellowship, Northwestern Univ.

**Presentations, Publications, Symposia**

Presentations

- “California Safer Products Regulation”, Chemical Industry Council of Illinois, Annual Hot Topics Seminar, August, 2012.
- “Business-to-Business Proposal Preparation”, Lecture Series, Northwestern University Department of Civil and Environmental Engineering, Spring, 2012 - 2014.
- “Global Warming -- Responsible Environmental Management” Lecture, UIC School of Public Health, Global Environmental and Occupational Health, Global Environmental and Occupational Health Course; Spring 2006 through 2014.

- “Environmental Project Management -- Course 720-D95”; Instructor, Northwestern University Department of Civil and Environmental Engineering, Master of Project Management Curriculum; Fall 1996 through 2008; Spring 2010, 2012.
- “Environmental Infrastructure Planning: Slovenia Environmental Study and Master Plan”. First International Environmental Technology Business Action Conference -- MOSCOW-94; Moscow, Russia; September 1994.
- “Technical Writing: Improving Your Technical Reports” and “Expressing Scientific Results in Readable Reports”; Environmental Educational Enterprises and National Water Well Association; 1990 through 1994
- "Environmental Property Assessments in Conjunction with Real Estate Transactions"; Instructor, National Water Well Association; Boston, Massachusetts; May 1989.
- "Hazardous Materials Course"; Guest lecturer, Northwestern University; 1989 & 1990

#### Publications

- “Use of Piezometric Cone Penetration Testing in Hydrogeological Investigations” with M. Saines and A. Strutynsky. First U.S. & U.S.S.R. Conference on Hydrogeology, Moscow, USSR, July 1989.
- "Design of a Groundwater Monitoring System in a Clay Till Terrain, Northeastern Illinois” with M. Saines and A. Strutynsky, Symposium on Flow and Transport in Low Permeability Setting, National Water Well Association Annual Meeting, Las Vegas, December 1988.
- "Cement Bentonite Grout and Its Effect on Water Quality Samples; A Field Test of Volclay Grout" with Robert V. Colangelo, First National Outdoor Action Conference on Aquifer Restoration, Ground Water Monitoring and Geophysical Methods; National Water Well Association, May 1987.
- "Landfill Methane Recovery Part III: Data Analysis and Instrumentation Needs," with R. E. Zimmerman, N. Flynn, and C. Cahill, Gas Research Institute, 83/0025.
- "Landfill Gas Recovery: A Technology Status Report," with RE Zimmerman and M. Wilkey, Argonne National Laboratory, ANL/CNSV-TM-121, August 1983.
- "Landfill Methane Trace Volatile Organic Constituent Characterization," with R. E. Zimmerman and D. O. Johnson, International Gas Research Conference, London, United Kingdom, June 1983.
- "Point Load-Deformation Relationships and Design of Jaw Crusher Plates," with C. H. Dowding, Powder Technology, 31, 1982.
- "Power Plant and Industrial Fuel Use Act of 1978: It’s Impact on Illinois," with S. Marder, Illinois Institute of National Resources, IINR No. 79/30, 1979.

#### Symposia

- 1995 Environmental Executive Oil and Gas Trade Mission to Western Siberia. Sponsored by the US Department of Commerce and the American Business Center in Nizhnevartovsk. Moscow, Nizhnevartovsk and Surgut; September 1995.
- Montreux International Energy Roundtable; Montreux, Switzerland; June 1995.
- 1<sup>st</sup> Annual Aspen International Environmental Roundtable. Aspen, Colorado; October 1994.