



**LISA J. HOUSTON**  
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## **SUMMARY**

Experienced professional with over 30 years of increasing responsibility in business management, directing scientific personnel, product management, project management, analytical and petroleum chemistry.

## **ACCOMPLISHMENTS**

### Management

- Responsible for P&L of two business segments for manufacturer of laboratory and process analytical instrumentation manufacturer with >\$10-million sales revenue.
- Managed global product strategy, new product development, warranty & product data administration for a product portfolio with >\$12-million annual sales revenue.
- Wrote successful proposal for and managed \$2-million DOE project for the biodesulfurization of gasoline.
- Recruited, hired, trained, managed and developed technical and sales personnel.
- Directed safety and environmental compliance functions.
- Managed \$3-million NIST/ATP project for the biodesulfurization of crude oil.
- Developed a computer-based compilation of research and development project plans and timeline to allow simple monitoring and updating.

### Analysis and Development

- Led a multidisciplinary team for the development and continuous improvement for a product portfolio of elemental analyzers.
- Supported instrument sales through applications development, customer demonstrations, training and R&D support.
- Established and coordinated expansion of an analytical laboratory for a start-up company.
- Developed and improved assays in support of bioprocess development projects.
- Developed a strategy for enhanced oil recovery of a North Slope reservoir based on slim tube, PVT and core flooding research.

## **EMPLOYMENT HISTORY**

- 1999- Antek Instruments/PAC, L.P., Houston, TX  
Vice President, Process Analytics  
Director and Business Segment Leader, Process Analytics  
Director, Elemental Analysis and Process Analytics  
Director of Marketing, Biofuels  
Product Manager, Antek Elemental Analyzers  
Applications Laboratory Manager
- 1992-1999 Energy BioSystems Corporation (EBC), The Woodlands, Texas  
Manager, Research & Technical Services  
Project Manager  
Manager, Analytical Chemistry  
Senior Analytical Chemist

1986-1992 ARCO Oil & Gas Company, Plano, Texas  
Research Chemist

## **EDUCATION**

1986 North Texas State University, Denton, Texas  
B. S., Biochemistry (Cum Laude GPA: 3.8/4.0)

## **SKILLS**

- Business management
- Product management
- Project planning, budgeting, scheduling, and monitoring
- Technical and proposal writing
- Instrument training, repair and maintenance
- Software: text processing, spreadsheet, presentation, graphing, project management
- Instrumentation: GC/FID, SCD, FPD, and AED; GC/MS; HPLC/VWD, DAD, RID and FLD; IC; CE; XRF; combustion/IR/chemiluminescence/UV fluorescence elemental analyzers; TC/TOC; UV/VIS spectrophotometer; TGA/DSC; petroleum physical testing equipment

## **ACTIVITIES**

American Chemical Society, Member  
Board of Directors, District IV  
Council Policy Committee – Vice-Chair, Subcommittee Chair, Long Range Planning  
Division of Petroleum Chemistry/Energy & Fuels – Councilor, Alternate Councilor,  
Chair, Long Range Planning Subcommittee Chair, Newsletter Editor, Treasurer, Area  
Representative, Symposium Organizer  
Greater Houston Local Section, Chair, Awards Chair, Communications Chair  
Womens Chemists Committee – Member, Webmaster  
Multidisciplinary Program Planning Group – Chair, Subcommittee Chair  
Committee on Nomenclature, Terminology & Symbols - Associate Member  
Biochemical Technology Secretariat - Secretary-Treasurer  
ASTM, Member  
D16 Aromatics - Secretary, Chair, D16.04 Instrumental Analysis  
D02 Petroleum Products – Section 3 Elemental Analysis Task Group Chair  
Society of Petroleum Engineers, Member  
Co-Ed softball and volleyball teams – Player/Coach  
Girl Scouts of America – Leader  
Business Partnership Program – Organizer and Mentor for local elementary school

## **HONORS**

ACS Local Section Volunteer of the Year Award, 2017  
ASTM D16 Award of Appreciation, 2016  
Distinguished Service Award, Division of Energy & Fuels, 2013  
ACS Fellow, 2012  
ASTM D02 Award of Appreciation, 2012  
Distinguished Service Award, Division of Petroleum Chemistry, 2005