



---

# David H. Paul

David is the founder and president of David H. Paul, Inc. (DHP). DHP provides advanced water treatment training and technical services.

## EDUCATION

- 1977-1980. 3-year Industrial Water/Wastewater Treatment Apprenticeship Program. Public Service Company of New Mexico.
- 1978. Master of Science (Microbiology). New Mexico State University.
- 1971-1973. Postgraduate study (Microbiology, Physiology). University Of New Mexico.
- 1971. Bachelor of Science (Biology). New Mexico State University.

## EXPERIENCE

### Training

- 2003-Present. Created and administers the second generation of on-campus college-degreed *Advanced Water Treatment Program*
- 1998-Present. Created and administers three on-campus college degree programs in advanced water treatment in New Mexico, Texas and Florida.
- 1998-Present. Created over 100 computer-based and video training programs in advanced water treatment
- 1992-Present. Created and administers a 4,000 page, college-degree accredited correspondence training program in advanced water treatment (2,000 pages on membrane water treatment, 2000 pages on high purity water treatment)
- 1988-Present. Created the training programs and trained over 16,000 water treatment personnel worldwide in high-tech water treatment seminars including:
  - *Understanding Today's Membrane Water Treatment*-1 day
  - *Membrane Filtration & Membrane Bioreactors*-1 day
  - *Reverse Osmosis Operation & Maintenance*-1 day
  - *Seawater Reverse Osmosis Operation & Maintenance*-1 day
  - *Reverse Osmosis Monitoring & Troubleshooting*-1 day
  - *Seawater Reverse Osmosis Monitoring & Troubleshooting*-1 day
  - *Advanced Troubleshooting of Membrane Systems*-1 day
  - *Advanced Troubleshooting of Seawater RO Systems*-1 day
  - *Expert Biofouling Control*-1 day
  - *Expert Biofouling Control of Seawater RO Systems*-1 day
  - *Interpreting Water Analyses*-1 day
  - *High Purity Water Treatment*-2 days
  - *Electrodeionization Water Treatment*-2 days

---

## **EXPERIENCE (continued)**

### **Consulting & Technical Service**

- 1988-Present. Over a hundred consulting jobs, including troubleshooting specific problems, technical assessments, design reviews, bid evaluations, cost reduction audits, market analyses and expert witness services for:
  - Drinking Water Facilities-Many facilities including the largest brackish water and seawater facilities in the world, plus state and federal agencies and U.S. and other armed services.
  - Power Generation Industry-Many facilities including both fossil-fueled and nuclear.
  - Semiconductor Industry-Many facilities including the largest in the U.S.
  - Pharmaceutical/Biotech Industry-Many facilities including the largest in the U.S.
  - Original Equipment Manufacturers
  - Membrane Manufacturers/Suppliers
- 1988-Present. Conducted hundreds of membrane element autopsies, cleaning studies, pilot studies, and membrane water treatment feasibility studies for brackish and seawater systems.

### **Operation & Management**

- 1977-1988. David was an operator (2.5 yrs), first-level supervisor (1 yr), and manager (8 yrs) directly involved in the design, construction, operation, and maintenance of a 120 million dollar zero-discharge industrial wastewater treatment complex utilizing such diverse technologies as clarification, filtration, centrifugation, pressure dewatering, reverse osmosis, distillation, degasification and ion exchange.

## **PROFESSIONAL AFFILIATIONS**

- American Membrane Technology Association
- American Water Works Association
- International Desalination Association
- Southeast Desalting Association
- South Central Membrane Association
- Southwest Membrane Operators Association
- Water Quality Association

## **PUBLICATIONS**

David has published over 160 technical articles and papers on advanced water treatment. He has been a contributor over the years to the following journals:

- American Water Works Association's *OpFlow*
- *Desalination & Water Reuse*
- *Ultrapure Water Journal*
- *Water Purification & Conditioning*
- *Water Technology*