

**David M. Angaran MS, FCCP, FASHP**  
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**Experience summary:** Expertise in the development of pharmaceutical practice models with the accompanying supporting services of education, training, mentoring, performance measurement parameters and continuous improvement process. Specific areas of expertise include:

- **Pharmaceutical care:** 27 years as a clinical practitioner and recognized opinion leader for the profession of pharmacy.
- **Education and Training:** 25 years as a pharmacy educator with local and national awards for excellence in both didactic presentations and clerkship experiential provider.
- **Practice Model Development:** Created ambulatory pharmaceutical care models for both community pharmacy practice and pharmacy contact center environment. Two patents for computer telephone medication review and Nurse triage-pharmacy call center program.
- **Continuous Quality Improvement:** Completed a six-month fellowship, with the JCAHO, working on the Agenda for Change. Developed pharmacy-related, inpatient and ambulatory, performance measures at the national, local and site-specific level.
- **Telepharmacy:** Experience in creating telephone based medication compliance, disease management and demand management intervention programs utilizing both pharmacist and nurses. Currently working in telehealth; current status, related technology, opportunities, barriers and implications for pharmacy and medication use system.
- **Internet:** Developed Medication Management and Information service for [www.alzonline.net](http://www.alzonline.net) a web site dedicated to provide support for caregivers of persons suffering from dementia.

#### **PROFESSIONAL EXPERIENCE**

06/04 Assistant Director Experiential Programs, University of Florida, College of Pharmacy  
01/04 Consultant [www.alzonline.net](http://www.alzonline.net) develop Medication Management and Information section.  
01/02- 06/04 Angaran Associates, LTD

##### **Clients and Projects:**

- University of Florida, College of Pharmacy. Post Doc Fellow, Pharmacy HealthCare and Administration Dept.
- Tampa Patient Safety Center of Inquiry: An investigation of drug related physical injuries in a VA population. Analysis of concurrent medications and the relationship to falls and other injuries in 17,000 patients taking benzodiazepines.
- Visante, Inc: CE program development. Topics. Guidelines, Evidence Based Medicine, Competency assessment and Consumer Health Informatics.

10/00 – 01/02 **Senior Director, Interactive Healthcare Communications, Chronimed, Inc.**  
Responsible for e-healthcare strategies, patient adherence/retention programs, customer satisfaction assessment and outbound telemarketing contacts. Chronimed is a specialty pharmacy provider, with 40 retail stores and mail service center, of high cost prescription medications to patients with AIDS, Hepatitis C, Growth Hormone Deficiency, Rheumatoid Arthritis, Transplants, RSV and Hemophilia patients.

1/00-7/00 **Chief Clinical Officer, cranespharmacy.com.** The duties of chief clinical officer included the creation and management of a “Clinical Care Communication”(CCC) service that provided interactive health care communication in support of the Active Pharmacy services provided by cranespharmacy.com. The CCC concept included the

integration of a multimedia contact center latest technologies, web based health content and interactive health communication techniques into a system that not only provided personalized information but also assessed comprehension.

2/99 – 1/00 **Angaran Associates, LTD.** Interactive Healthcare Communication and Pharmaceutical Care practice consultation service.

2/98 to 1/99 **Managed Care Practitioner in Residence**, American Society of Health-systems Pharmacist. One-year project funded by Glaxo-Wellcome Pharmaceuticals.

- Established telehealth contacts and recognition in the federal government, health care related professional organizations, telemedicine programs, telecommunication/ electronic communication industry and health care provider organizations.
- Reviewed, evaluated and interpreted all the current literature related to telehealth.
- Made telepharmacy presentations to numerous health care related organizations.
- Published white paper: Angaran DM. Telemedicine and Telepharmacy: Current Status and future implications. Am J Health-Syst Pharm. 1999; 56:1405-26.

9/95 to 12/97 **V.P. Clinical Practice and Education Merck-Medco Managed Care, LLC**  
Developed telephone based, pharmacist and nurse provided disease and demand management intervention programs. Responsible for five pharmacist practitioner/educators who provided clinical decision support and training to support the intervention programs.

- Created the clinical practice model, developed medication information content and conducted training/certification program for Senior Drug Use Review program as expansion of Partners for Health Aging.
- Proposed, designed, developed and evaluated the Personal Medication Review program, a complete therapeutic history. **Patient granted # 6,014,631.**
- Clinical pharmacy consultant for Well Informed demand management service, which combined a nurse triage service (CareWise, Inc.) and pharmacy contact center (Merck-Medco) for the purpose of providing both symptom triage and drug information. **Patent: 6,356,873**

#### **ACADEMIC CAREER: 1970-1995**

Clinical pharmacy practitioner-educator.

6/70 to 6/76 **University of Wisconsin, School of Pharmacy**

7/76 to 6/90 **University of Minnesota, College of Pharmacy**

7/90 to 8/95 **University of Florida, College of Pharmacy**

8/02 to - **University of Florida, College of Pharmacy**, Clinical Professor PHCA dept.

**Practice:** Recognized clinical expertise in critical care and the advancement of the profession through election to fellowship in both American Society of Health-System Pharmacists (1992) and American College of Clinical Pharmacists (1990) Received the 2006 ASHP Distinguished Leadership Award in Pharmacy Healthcare Systems.

**Education:** Innovation and excellence recognized through ACCP Outstanding Educator Award, 1992. Served as developer and editorial board member for ACCP Pharmacotherapy Self-Assessment Program I & II.

**Research:** Conducted 35 clinical research and phase three trials worth over \$1 million dollars in grants and contracts. AACP Lyman Research award 1986.

**Publications:** 50 peer reviewed publications and book chapters, 45 commentaries, and one book; “Risk Prevention Skills for Pharmacists”, Angaran, Brushwood and Tennenhouse, Tennenhouse publications.

**Sabbatical:** JCAHO Fellowship for Agenda for Change, Medication Use Task Force Performance Measures Development consultant, 1989-93.

**Education:**

9/65 to 6/68 **Drake U. College of Pharmacy: BS in Pharmacy**

6/68 to 6/70 **University of Wisconsin School of Pharmacy and Hospitals: MS in hospital pharmacy and ASHP accredited residency.**