The 95th Annual Meeting of the American Association of Colleges of Pharmacy, held in Albuquerque, New Mexico, July 16-20, 1994, at the Albuquerque Convention Center, had as its theme, “Education & Practice: Partners For Success.” Some functions were held also at the Hyatt Regency and Doubletree Hotels. Attendance at the ‘94 meeting in Albuquerque placed it in the “top three” along with Boston and Washington for total attendance—we had over 800 actual registrants, plus more than 200 other guests. The Teachers Seminar attracted a record 350 attendees.

All social functions were filled to overflowing. Over 700 scheduled their arrivals early enough to enjoy a picnic at the Rio Grande Zoo on Saturday; Sunday night’s ice cream sundae bar attracted some 900 guests; the spouse trip to Santa Fe was sold out. As were the Women Faculty lunch, Teacher of the Year lunch, and the Private Colleges and Prayer breakfasts.

Just under 800 people attended the annual Awards Banquet to honor this year’s prestigious award recipients—Lyman Award—Mary Lee and Nancy Fjortoft (Illinois at Chicago); Distinguished Pharmacy Educator Award - Stanley Shaw (Purdue); Paul Dawson Biotechnology Award Marilyn Speedie (Maryland); Volwiler Research Award—William Evans (Tennessee), BOD Distinguished Service Award—Dennis Worthen (Procter & Gamble), AACP’s Certificate of Appreciation—Donald Brodie (awarded posthumously and accepted by his widow, Frances).

General Session Programming Earned High Marks and a Standing Ovation

AACP’s keynote session during its 95th Annual Meeting in Albuquerque was directed toward the evolution of innovations in pharmacy at the practice-education interface. Indeed the development and elaboration of clinical pharmacy began, grew, and is maturing at this interface. The papers produced by AACP’s Commission to Implement Change in Pharmaceutical Education laid out a mission statement which calls for the rendering of pharmaceutical care by pharmacists: education and practice were both represented on the Commission. Lowell Anderson, pharmacist practitioner and current president of APhA, teamed up with UCSF faculty member and former member of AACP’s Commission Mary-Anne Koda-Kimble, to present their respective views. It was pointed out that while practitioners and educators have some different concerns (i.e., profit-motivated vs. promotion and tenure), the overall mission for the profession is survival. Upon reflection, it was noted that a student’s values are established through mentoring and clerkship experiences. Some viable suggestions for more interaction that were offered included: giving practitioners access to the college laboratories for co-teaching and co-instruction; bringing practitioners into the schools’ strategic planning process: attracting more practitioners to adjunct positions in the schools; and extending the schools’ responsibility for their students to the possible reeducating/retraining of them after they become practitioners, as needed. This session was supported by Merck Human Health Division.

The Second General Session, orchestrated by Bob Day (UCSF), Dave Knapp (Maryland), Bill Troutman (Texas at Austin), and Dick Penna (AACP Staff), brought an enthusiastic and responsive audience to its feet at the conclusion. Taking an in-depth look at innovations at the education-practice interface, the program was moderated by Bill Troutman and consisted of videos, voice-overs, live presentations on actual experiences, and audience participation. This session provided timely information in a punchy, fast-paced, and humorous yet serious manner. Live and videotaped presentations were offered by Bill Hamilton (Creighton), Dennis McCallian (Purdue), Peter Morley (Minnesota), Wayne Kradjan (Washington), Chet Yee (community pharmacist in Menlo Park CA), Richard Finkel (Nova Southeastern), Gil Banker (Iowa), Bob Chalmers (Purdue), and Dave Katsios (Maryland). Among the topics discussed were shared resources, interaction and cooperation between individual schools of pharmacy and local practitioners, sources of funding, designing and implementing curricular change, and practical approaches to experiential training. The program concluded with a return appearance by Sunday’s keynote speakers. Lowell Anderson, practitioner, and Mary-Anne Koda-Kimble, educator, who offered their own perspectives on the practitioner-educator interface.

Marion Merrell Dow provided funding for this multimedia session and will produce videos of it for distribution to all schools and colleges of pharmacy.

AACP President Knapp Charged Educators to Pick Up the Pace!

Immediately prior to his installation as AACP’s 93rd president, then President-elect David A. Knapp walked to the microphone during the final House of Delegates on July 20th and rechallenged pharmaceutical education to lead the way in this era of erupting change. He reminded all of Dr. Richardson’s challenge during the 1992 keynote address, “to make new charts to lead pharmacy education through the rough waters ahead” He noted that we responded well by adopting a new chart—the recommendations of the Commission to Implement Change in Pharmaceutical Education, which commitment included reformulating curriculum objectives toward the goal of preparing all graduates to deliver pharmaceutical care and adoption of the universal academic degree of doctor of pharmacy. Pharmaceutical education opted for a paradigm shift, in order to prepare its graduates to survive in a world where brain power rather than technical ability is paramount.

Dr. Knapp praised the Academy for its vision and courage. However, he immediately yanked us out of our self-congratulatory reverie by “declaring a state of urgency—urgency to get on with the business of implementing the changes that we so wisely chose to adopt.” He reminded us that the pace in the world external to academia is moving much more briskly: that health care reform and changes in drug distribution are surging forward with the speed of a cheetah. He pointed out that the decisions we made two years ago were the right decisions, but do carry a risk, particularly during this time of upheaval in the mainstream of health care—irreversible trends in the organization and financing of health care are already in place and national imperatives to drive down health care costs and rationalize delivery systems have led to capitation, managed care, and many strange alliances among the major players. Also of paramount importance—hospital consolidations, 3rd-party contracts, corporate competition, legislative challenges to the authority of state boards over dispensing arrangements and use of technicians, and the explosive growth of mail service pharmacies—all of which eliminate large numbers of pharmacist positions, as we have known them.

The practice of pharmacy is changing rapidly: pharmaceutical education must change as rapidly. All graduates must be able to render pharmaceutical care now: the safety net (employment as a drug distributor) will soon be nonexistent. Schools must understand the new environment better and pick up the pace at home by...
President Knapp proclaimed his excitement over the future prospects for pharmacy. He reminded all that we have a great opportunity to exploit changes in financing health care that support outcome-oriented services such as pharmaceutical care. This care will be rendered in various settings and as parts of health care teams. There will be a shift from specialty care to care for the large proportion of patients who have common conditions that involve drug therapy. He called for collaboration between scientists and clinicians, active recruitment of bright students to graduate programs in the pharmaceutical sciences, pursuit of sources of funding and resources, and strengthening of scholarship among all faculty. Of equal importance, as pointed out by Dr. Knapp, are innovative approaches to financing, partnering/cooperation, diversity of talents, and diversity in leadership positions.

Dr. Knapp reaffirmed that pharmaceutical education is on the right track, that it actually predicted the changes that are occurring. What is mind-boggling is the speed that has developed, and this is why Dave is warning us all to “pick up the pace”!

Benet’s Predictions in ‘93 Proving to Be on Target

In his presidential address on Sunday morning, July 17, in Albuquerque, Leslie Z. Benet reviewed his responsibilities, predictions, and charges for his just completed presidential year. He noted it was his privilege to represent the Association at six professional meetings to which he carried AACP’s message; i.e., that it has two main objectives for any health care reform measure: (i) support for education and training of health professionals; and (ii) the inclusion of pharmaceutical care as a benefit in any health care reform measure. He further explained specific points which AACP has emphasized for support for health professions education and training as: all payers should contribute; interdisciplinary/multi-site experiences in primary care and acute care should be available; unique roles in teaching, research, and service of health professions schools should be recognized and supported; utilization of all disciplines to the full capacity of their skills should be enhanced; and planning for future needs (enhanced pharmacy residency/fellowship support as appropriate) should be assured. Addressing pharmaceutical care, Dr. Benet cited from the current Professional Affairs Committee Report: “AACP supports the position that pharmaceutical care is pharmacy’s most essential and integral contribution to the provision of primary care.” He emphasized that our participation in CCAPC (the Coalition for Consumer Access to Pharmaceutical Care) is vital, inasmuch as the Coalition is actively lobbying for such health care reform issues as: prescription drugs as a core benefit; pharmacists’ services as a core benefit; that proper medication management by pharmacists generates savings; that integrated information systems improve quality and control costs; and enhanced support for health professions education.

Dr. Benet pointed out the great effort and strides that have occurred between education and practice, and noted the importance of this partnership if we wish to achieve the desired reform objectives. Here, he underscored another responsibility that he considers a “must”—the responsibility to be honest with our practice partners and with ourselves. Less believes it is academia’s role to verbalize its view of the future, even when that view may be unpopular. He reminded us of some of his predictions made last year in his president-elect’s address, for which he has taken flack, but which now show promise of becoming realities. Specifically, he noted the increasing role of technicians and mail-order operations in the drug distribution system, together with the possible demise of managed care facilities similar to Kaiser Permanente of Bakersfield CA (which could require a three-fold increase in the number of pharmacists needed). Whatever the final outcome, change and reform are occurring now and will continue at an ever-increasing rate of speed. Academia saw it coming, even predicted it, but as both Dr. Knapp and Dr. Benet emphasized in their addresses, we must act now to provide society with the professionally trained practitioners needed to provide the pharmaceutical care of the future.

Teachers Seminar Drew Record Attendance

The 1994 AACP Teachers Seminar on Student-Centered, Problem-Based Learning and Interdisciplinary Teaching was attended by over 350 faculty and administrators from schools and colleges of pharmacy. Faculty from the University of New Mexico School of Medicine (Robert Waterman, PhD. Stewart Mennin, PhD) and College of Pharmacy (Hugh Kabat, PhD, Paul Mann, PhD) led plenary sessions on problem-based learning. Faculty, roles, barriers to and strategies for implementing problem-based learning, and experiences from the New Mexico Primary Care Curriculum. The four morning presenters were joined in the afternoon by 15 individuals from pharmacy, medicine, nursing, and physical therapy involved in the student-centered, problem-based learning program at New Mexico to lead several concurrent workshops for the Seminar participants. Some participants experienced a small group, problem-based case discussion under the guidance of an experienced facilitator to gain insights into how the method works and to stimulate ideas for implementing such a program. Twenty-four (24) participants gained practical experience with the realities of case development and learned from experienced case developers. Other participants worked in small groups to discuss various ways of assessing student performance and the role of assessment as a curricular change agent. Over 100 of the participants explored the politics of curricular change with a panel of faculty who have experienced the process of implementing change.

A comprehensive booklet including materials from the plenary sessions as well as each of the four afternoon workshops was prepared by the Seminar faculty and provided to each participant. The booklet should serve as a useful guide to schools and colleges considering curricular change and the implementation of problem-based learning within their curriculums.

Academic Sections, SIGs and Special Sessions Commended for High Quality Programs

AH Association academic sections and SIGs (special interest groups) held programs during the recent meeting in Albuquerque. Attendees were very receptive and expressed their appreciation for the hard work by the individual program committees. Some highlights follow.

The Sunday interdisciplinary session, presented jointly by Biological Sciences, Chemistry, and Pharmaceutics, featured Joe Robson’s introduction to the lung as a target for drug delivery; an exploration of novel approaches to delivery of anti-inflammatory agents to the lungs by Steven Silbaugh, an account of the use of perfluorocarbons in treatment of respiratory disease by Stephen Flaim, and a summary of experimental models of chronic bronchitis by Jack Harkema.

A computer “hands-on” session for AACP participants was made available through the sponsorship of AACP, Apple Computers, and MacMath Companies throughout the AACP Annual Meeting. An ad-hoc committee of Chuck Ever, Jim Berger, Mike Makoid, and Marvin Wilson enlisted the expertise of Bill Riffe, with the assistance of Al Combs and Pat Davis, to set up the computer programs and tutorials on the 15 Mac and five DOS platforms. Well over 160 participants had the opportunity to use Power Point and Aldus Persuasion programs to make slides and overheads for classroom presentations. Other CAI software, both Mac and DOS format, were on hand for demonstration and use by all. In addition, William Riffe presented a program on “improved classroom lecturing using computers” to the Biological Sciences and Pharmaceutics Sections on Wednesday morning.

The Chemistry Section had good attendance at its sessions. Of particular interest were the program on incorporation of problem-
solving techniques in medicinal chemistry instruction, and the Teaching Topics Update which focused on topics related to the lung. The problem-solving session featured Pat Davis’s Liver Game drug metabolism simulation which was played enthusiastically by a large audience. Hugh Kabat kicked off the session with a summary of research in problem-based learning; Tom Lemke discussed his plans for a controlled study to evaluate the effectiveness of a problem-based approach in teaching functional group organic chemistry; and finally, Paul Schiff gave an interesting account of his use of clinical case material, presented by clinicians in medicine, chemistry courses. All authors expressed their willingness to share additional material with interested faculty members. Chemistry Section members were well represented in the poster session and also participated in several interdisciplinary special sessions and panel discussions.

Sunday was a busy day for the Continuing Professional Education Section. Programming featured reports by ACPE’s Kimberly Werner and Jeff Wadelin, as well as Alan Escovitz, which focused on the FDA’s Draft Policy on Industry Support and NABP’s Proposed Policies and Procedures for the use of the expanded universal program number. All reports generated lively audience discussion. Ulric Chung discussed current and future technologies available for the CPE provider and how best to use them. Computer-based instruction, interactive multimedia and distance learning were covered, as well as the pros and cons of these technologies. Jean Paul Gagnon called for joint sessions between CPE providers and representatives of the pharmaceutical industry to foster better understanding and communications between sponsors and providers. He discussed funding, marketing, and promotion of CPE programs, as well as ways for CPE providers to work with pharmaceutical firms to develop mutually beneficial programs. The session concluded with a special report by the Committee on Strategic Planning and Continuous Quality Improvement in Continuing Professional Education by Glen Farr. Wednesday morning’s Contributed Papers session was undoubtedly one of the finest ever presented within the Section. During Monday’s business session, Dr. Michael Shannon (Kentucky) received the Section’s Award of Merit, sponsored by Eli Lilly and Company. Ron Wade of Syntex Laboratories presented the Section with a Section's Award of Merit, sponsored by Eli Lilly and Company. Ron Wade of Syntex Laboratories presented the Section with a...
tation. Members interested in participating on SIG committees should contact Roger Sommi (UMKC).

The Ethics SIG held its first official session as an Association SIG and attracted over 50 attendees. Its theme was innovations in ethics instruction. Robert Hansen, a graduate student at Florida, discussed Florida’s four-week, specialty clerkship in pharmacy ethics which allows students an opportunity to apply basic ethical principles and problem-solving skills to actual clinical situations. Lon Larson reviewed his classroom use of a “town hall” approach for discussing setting of priorities and allocation of scarce health care resources. Evelyn Becker described her use of cases containing ethical dilemmas involving OTC drugs, and briefly discussed a student ethics club (DOVE—Discussions of Values and Ethics) which has been formed at St. Louis. Vince Giannetti discussed a graduate level law and ethics course originally developed for M.S. in pharmacy administration students but which has attracted students from a number of programs across his campus.

The Laboratory Instructors SIG had 30 persons in attendance, representing 22 pharmacy colleges. Speakers were Loyd Allen Jr. (Oklahoma) and Martin Golden (USP). Dr. Allen’s presentation, “Educational Issues Related to the Science and Technology of Sterile Products: Academic Perspectives and Strategies for Education,” was a white paper that was published in the AJPE. Its history and content were discussed. Dr. Allen also gave a brief introduction to a sterile products curricular resource being developed by USP; he presented the proposed curricular resource outline and content. Laboratory instructors were encouraged to send in their comments to USP, as they apply to the development and application of the curricular resource in their respective institution. Mr. Golden discussed the chronological development and current status of the USP Pharmacy Compounding Practices Advisory Panel and Review Panel. He pointed out that the end result of the Panel’s deliberations would be the publication of a general chapter on pharmacy compounding in the USP/NF, with subsequent monographs on specific formulations compounded by pharmacists on the panel. The published stability guidelines would be derived from analyses performed by the USP analytical laboratories. Mr. Golden encouraged comments from laboratory instructors as this ongoing project progresses.

The Geriatric Pharmacy SIG looked at international perspectives on geriatric education: panelists William Simonson, Linda Stuveges, and Bradley Williams discussed geriatric education in the U.S., Canada, and beyond North America. Peggy Hardwick, a legal expert on ADA, gave an impressive presentation on the Americans With Disabilities Act and its impact on student services for the Student Services SIG.

The Substance Abuse Education and Assistance SIG looked at the interaction of student assistance programs with boards of pharmacy; recommendations from the student sections at the Utah School on Alcoholism; and survey results and recommendations of the COF Substance Abuse Committee.

The Women Faculty SIG sponsored an excellent professional program presented by Susan Baile on Juggling Multiple Roles: Secrets of Success. Special Sessions continue to provide the membership with a wide variety of choices. Feedback has been again extremely positive on the quality of this year’s sessions, which included the regret that it was impossible to attend all of them. Even with the heavy competition of concurrent programming, most special sessions were full. Subjects covered included evaluating students for admission; biotechnology education in the pharmacy curriculum; TQM in pharmaceutical education; assessment as a strategy for learning; involving preceptors in problem-based, student-centered learning during externship; fostering creativity in an academic institution; development of multi-media educational material: diagnostic imaging; developing critical thinking: the 1994 Schering Report; combining principles of epidemiology and economics; the Glaxo Faculty Development Program of MCP/AHS; a workshop on improving students’ thinking skills. Also presented were addresses by the Association’s 1994 Volwiler and Biotechnology Award recipients—William Evans and Marilyn Speedie, and winners of the “Innovations in Teaching” competition shared their winning papers.

Exhibit Program and Poster Presentations

The 1994 Exhibit Program and its concurrent poster presentations drew a steady stream of traffic throughout the day. All seven academic sections were represented among the posters, as were the GAPs and New Investigators grant programs. This year there were 16 school posters plus 25 posters from the “Innovations in Teaching’ competition, a new program implemented in 1993. Mexico and Thailand were represented by posters categorized as international pharmacy, and 14 presenters focused on nontraditional education. In addition to its own exhibit, AACP was honored to have as exhibitors the following organizations: Academy of Managed Care Pharmacy, American Institute of the History of Pharmacy, American Managed Care Pharmacy Association. American Pharmaceutical Association, American Society of Consultant Pharmacists, American Society of Hospital Pharmacists. Amgen Inc., Diagnostek, Du Pont Pharma, Eli Lilly and Company, Facts and Comparisons, Glaxo Inc., Haworth Press, Indian Health Service, Marion Merrell Dow Inc., Medcom Systems Inc., NARD and the NARD Foundation, National Library of Medicine. Rittenhouse Book Distributors, Roche Laboratories, Sandoz Pharmaceuticals, SEARLE, Technomic Publishing Co., Inc., The Upjohn Company, United States Pharmacopeial Convention, Inc., Walgreens, Williams and Wilkins, Wyeth-Ayerst Laboratories, and Zeneca Pharmaceuticals Group.

Searle Award Recipients Honored

On Monday evening during AACP’s 95th Annual Meeting, Searle’s Vice President of Sales Alan Heller presented Searle fellowship awards to the following pharmacy students, as well as a cash award to each student’s mentor:

1st Place: Paul C. Cockrum, Student/William D. Linn. Mentor University of Texas at Austin College of Pharmacy
2nd Place: Michael E. Tonn, Student/Amy M. Haddad. Mentor Creighton University School of Pharmacy and Allied Health Professions
3rd Place: Sharon A. Jung, Student/Thomas C. Hardin, Mentor University of Texas at Austin College of Pharmacy

The evening’s festivities were held at the New Mexico Museum of Natural History and Science. As part of his acceptance, first-place winner Paul Cockrum gave an overview of his research paper, “Innovative Methods of Teaching Geriatric Outcomes to Pharmacy Practitioners.” Following the awards ceremony, guests were free to roam through the exhibits and were hosted to a reception and Southwestern buffet honoring the Searle fellowship and mentor award recipients.

Upjohn President Award Honorees

The Upjohn Company sponsored a reception immediately prior to the Awards Banquet on Tuesday to honor current President Award recipients. Accepting for their schools were David Bergman (Southwestern Oklahoma), George Cocolos (North Carolina), Harry Rosenberg (North Dakota State), Richard Ohvall (Oregon State), Albert Belmonte (St. John’s), Douglas Kay (Duquesne), Clare Lathers (Albany), John Cassidy (Ohio State), Lawrence Weaver (Minnesota), Victor Warner (Cincinnati), Randy Juhl (Pittsburgh), Robert Sandmann (Butler). Upjohn host and Pharmacy Relations Manager Catherine Burr noted that the presentation of these awards brought the total support thus far by Upjohn for this program to a quarter of a million dollars.

DON’T FORGET THE 1995 ANNUAL MEETING AND TEACHERS SEMINAR WILL BE HELD JULY 8-12 IN PHILADELPHIA, AT THE NEW MARRIOTT HOTEL.

Carl E. Trinca