

Behind the Scenes

- SIG committees
 - Website Committee
 - Website updating- A. Riley (webmaster)
 - SIG history- Lynda Oderda
 - Resource Committee
 - Posting research reports and geriatric curricular guides
 - Call for continuous contributions and support

Expanding Our Horizons 2010 Annual Meeting and Seminars American Association of Colleges of Pharmacy AACP

Panel Presentation

Experience and Potential for Pharmacy Leadership in Interdisciplinary/Interprofessional Geriatrics Education

Expanding Our Horizons 2010 Annual Meeting and Seminars American Association of Colleges of Pharmacy AACP

Panel Presenters

- Joy Plein, PhD. CGP, FASCP, Professor of Pharmacy and Founder of Plein Certificate Program in Geriatric Pharmacy, University of Washington School of Pharmacy
 - Changing Silos to Systems
- Gayle Hudgins, PharmD. Director of Montana Geriatric Education Center and Director of Experiential Education, Skaggs School of Pharmacy, College of Health Professions & Biomedical Sciences, University of Montana
 - GEC's- Interdisciplinary Student Opportunities
- Mark A. Stratton, Pharm.D., BCPS, CGP, FASHP, Professor of Pharmacy and Langsam Endowed Chair in Geriatric Pharmacy, University of Oklahoma College of Pharmacy
 - University of Oklahoma Health Science Center Experience in Interprofessional Geriatric Education

Expanding Our Horizons 2010 Annual Meeting and Seminars American Association of Colleges of Pharmacy AACP

Changing Silos to Systems:
UW's Interdisciplinary Nursing Home Program

Joy B. Plein, PhD, CGP, FASCP
School of Pharmacy
University of Washington

Expanding Our Horizons 2010 Annual Meeting and Symposium American Association of Colleges of Pharmacy AACP

Premises

1. interprofessional = interdisciplinary = cross disciplinary
2. teaching focus is applied clinical care
3. working definition of interdisciplinary care: "shared assessments and joint treatment plan"

Expanding Our Horizons 2010 Annual Meeting and Symposium American Association of Colleges of Pharmacy AACP

Changing Silos to Systems

1. History and description of UW Interdisciplinary Nursing Home Program (INHP)
2. Potential barriers and approaches used in attempt to overcome problems
3. INHP's legacy

Expanding Our Horizons 2010 Annual Meeting and Symposium American Association of Colleges of Pharmacy AACP

History of Interdisciplinary Nursing Home Program (INHP) at UW

- 1972 - VP Health Affairs appoints interdisciplinary committee on NHs; committee recommended establishing a teaching NH with students and faculty of UW's six Health Sciences Schools
- 1973 - School of Pharmacy started seminar/clerkship course at Foss Home
- 1979 (Jan-Aug) - Subcommittee of UW LTC Committee started INHP at Foss Home
- 1979 (Sept) - funding from AoA started IGTP with INHP as one of 5 programs
- 1979 -1982 funding continued by AoA and UW
- 1982 -1988 funding continued by UW with gradually decreasing interdisciplinary activity & support except for Schools of Pharmacy and Dentistry
- 1989 - School of Pharmacy academic faculty moved to Hearststone CCRC



The INHP Program

- Offered interprofessional, multidisciplinary and discipline-specific clinical training with emphases on geriatrics and interdisciplinary care
- Students enrolled in courses in their own disciplines and the courses were taught at Foss Home (FH)
- Most students, all faculty and many FH staff participated in a weekly seminar, usually a case study of a FH resident
- Focus was the patient rather than the team



INHP (cont.)

- In case-study seminars, each discipline shared its assessment (resident's strengths, discipline's concerns, discipline's recommendations) and then the entire group formulated joint recommendations for the resident's care.
- Responsibility for selecting the resident, obtaining consent, presiding and recording the seminar findings and transmitting recommendations rotated among disciplines.
- Foss Home staff and administration participated with faculty in teaching at bedside and in weekly seminars



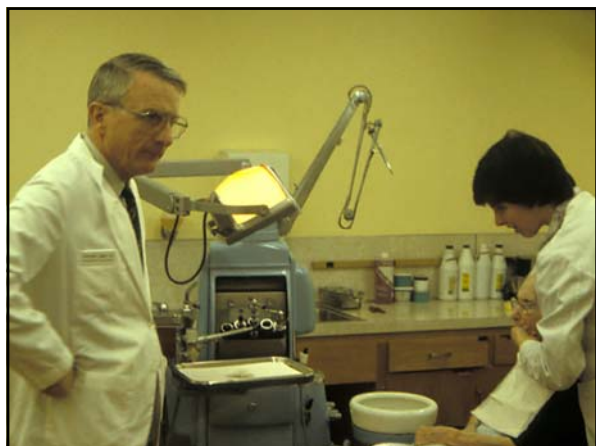
INHP Participating Disciplines

- Clinical dietetics
- Dental hygiene
- Dentistry
- Health Services
- Family Medicine
- Nursing
- Occupational therapy
- Pharmacy
- Rehab. Nursing
- Social Work
- Speech Pathology

Expanding Our Horizons 2010 Annual Meeting and Symposium American Association of Colleges of Pharmacy AACP













Interdisciplinary Education & Services Challenges

- Potential barrier:
 - Techniques and benefits of interdisciplinary care generally must be learned
- Approaches:
 - 5-minute explanation of presiding profession's practice and responsibilities at start of seminar
 - Faculty produced a monograph describing each profession's role in senior care and in a SNF
 - Video of Interdisciplinary care planning conference

Expanding Our Horizons 2010 Annual Meeting and Seminars American Association of Colleges of Pharmacy AACP

Addressing Barriers

- Potential barrier:

Reluctance to change !!!
- Approach:
 - Confer with team
 - Suggest possible alternatives
 - Remember that change is often the name of the game and go with it when the Program will benefit

Expanding Our Horizons 2010 Annual Meeting and Seminars American Association of Colleges of Pharmacy AACP

Addressing Barriers

- Potential barrier:
conflict between beliefs and between focus on "medical" vs "social" model
- Approach:
 - demonstrate and cultivate "listening" and attitudes of trust, collaboration, assertiveness and sharing
 - Appreciate views of others of the team

Expanding Our Horizons 2010 Annual Meeting and Symposium American Association of Colleges of Pharmacy AACP

Addressing Barriers

- Potential barrier:
"turf" issues or "power" issues
- Approach:
 - Respectful, frank, private, assertive discussion with team member
 - Use "regulations" as a last resort

Expanding Our Horizons 2010 Annual Meeting and Symposium American Association of Colleges of Pharmacy AACP

Addressing Barriers

- Potential barrier:
"Missing" team members
- Approach:
 - Solicit NH staff participation and offer professional "perks" such as affiliate faculty status to qualified staff who participate in teaching
 - Remember that all disciplines are not needed to solve every problem of every patient

Expanding Our Horizons 2010 Annual Meeting and Symposium American Association of Colleges of Pharmacy AACP

Addressing Barriers

- Potential barrier:
NH staff, NH administration and faculty "turn over"
- Approaches:
 - Invite participation of "new" people
 - Prepare a policy & procedure manual for the Program, communicate re Program history, goals, roles of participants, offer support to new participants

Addressing Barriers

- Potential barrier:
Faculty, student and staff time and cost
- Approach:
 - Promote efficiency, solicit volunteer faculty and staff if possible
 - Explore additional financial support

INHP's Legacy

Senior Care Teaching at Hearthstone CCRC

- UW Pharmacy advanced clerkships (APPE)
- UW Pharmacy IPPE
- SNF Interdisciplinary Care Planning Conf. site visits by pharmacy & other UW students
- nursing education by Seattle colleges/univ









INHP's Legacy

- Senior Care Teaching at Foss Home
 - UW Pharmacy advanced clerkships (APPE)
 - North Seattle CC Pharm technician education
 - UW Dental Clinic
 - Clinical Dietician education program
 - Shoreline College Nursing Program

Expanding Our Horizons 2010 Annual Meeting and Symposium American Association of Colleges of Pharmacy AACP



INHP's Legacy

Preceptors, Faculty and Clinicians
skilled
in Senior Care!

Expanding Our Horizons 2010 Annual Meeting and Symposium American Association of Colleges of Pharmacy AACP



**Geriatric Education Centers:
Interdisciplinary Student
Opportunities**

Gayle Hudgins, Pharm. D.
University of Montana
Skaggs School of Pharmacy

Expanding Our Horizons 2010 Annual Meeting and Symposium American Association of Colleges of Pharmacy AACP

Geriatric Education Centers

- Created by Title VII of the PHS Act
- Health and Human Services Administration (HRSA)
- Involve collaboration between health professions schools and health care facilities
- Training of health professional students, faculty and practitioners in the diagnosis, treatment, prevention of disease, disability and other health problems of the elderly

Expanding Our Horizons 2010 Annual Meeting and Symposium American Association of Colleges of Pharmacy AACP

GEC Statutory Purposes

- Improve the training of health professionals
- Develop and disseminate curricula
- Support the training and retraining of faculty
- Support continuing education of health professionals
- Provide students with clinical training in geriatrics in nursing homes, hospitals, ambulatory care centers, and senior centers.

Expanding Our Horizons 2010 Annual Meeting and Symposium American Association of Colleges of Pharmacy AACP

Interprofessional Education

GEC's must involve four or more health professions, one of which must be medicine, in all activities.

Other professions include:

Dentists, optometrists, podiatrists, nurses, nurse practitioners, physician assistants, pharmacists, chiropractors, social workers, clinical psychologists, health administrators, professional counselors, and allied health professionals (PT, OT, dieticians, etc.)

Expanding Our Horizons 2010 Annual Meeting and Symposium American Association of Colleges of Pharmacy AACP

Pharmacist Involvement in GEC 's

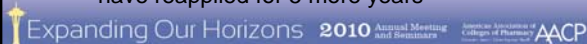
- Survey results from 32 of 56 GEC's in 2005
- 28 had pharmacists as GEC faculty (88%)
 - 74% of these were from schools of pharmacy
- 68% of GEC's paid their pharmacy faculty
- GEC pharmacy faculty spent 11 hours per month on GEC work
- Responding GEC's wanted more pharmacy involvement

Mort, et.al., AJPE 2005; 69(2): article 31.



Montana Geriatric Education Center

- Consortium of:
 - University of Montana (Pharmacy, physical therapy, social work)
 - Montana Tech (Nursing)
 - Northwest Research & Training Institute (CME provider)
- Funded in 2002 for 5 years, re-funded in 2007 for 3 years
 - have reapplied for 5 more years



2007-2010 MTGEC Initiatives

- Health Literacy Scholars Program
- Geriatric Health Problems Curriculum (online)
- Geriatric Health Screening Program
- Annual Conference with follow-up Videoconferences



Geriatric Health Screening

Also known as IPHARM
(Improving Health Among Rural Montanans)

Expanding Our Horizons 2010 Annual Meeting and Symposium American Association of Colleges of Pharmacy AACP

Geriatric Health Screening Mission

- Deliver wellness testing services to rural and frontier Montanans who cannot obtain such services due to cost or access.
- Serve as a model ambulatory care practice site for health care profession students.

Expanding Our Horizons 2010 Annual Meeting and Symposium American Association of Colleges of Pharmacy AACP

IPHARM Background

- Created in 2002 with funding from a one-year federal grant from the Office for the Advancement of Telehealth (OAT) (\$400,000)
- IPHARM was designed initially to provide testing to 7 rural and frontier counties in the “Golden Triangle” of Montana

Expanding Our Horizons 2010 Annual Meeting and Symposium American Association of Colleges of Pharmacy AACP

Montana's Golden Triangle



Expanding Our Horizons 2010 Annual Meeting and Seminars American Association of Colleges of Pharmacy AACP



Expanding Our Horizons 2010 Annual Meeting and Seminars American Association of Colleges of Pharmacy AACP

Further Funding

- Requested and received a one year, no cost extension to continue through February 2005
- MTGEC IPHARM supplemental grant received July 2004 – expanded focus to educate students, faculty, and practitioners in geriatric health screening (\$200,000)
- Operational funding via partnerships with organizations, employers and companies (\$30,000)

Expanding Our Horizons 2010 Annual Meeting and Seminars American Association of Colleges of Pharmacy AACP

Current Funding

- The current funding is from the Bureau of Health Professions as the Geriatric Health Screening initiative of the Montana Geriatric Education Center (MTGEC)
- 2007-2010 MTGEC grant was for \$1.3 million with approximately \$250,000 earmarked for screening
- Current grant involves interdisciplinary teams of students – pharmacy, nursing, PT, social work

Expanding Our Horizons 2010 Annual Meeting and Symposium American Association of Colleges of Pharmacy AACP

Student Participation in Geriatric Health Screening

- Unique experience for students
- Extensive patient contact
- Skill building in testing and counseling
- Interaction with other health professional students
- Geriatric Health Screening Certificate

Expanding Our Horizons 2010 Annual Meeting and Symposium American Association of Colleges of Pharmacy AACP

Geriatric Health Screening Certificate Program

- Complete four self-study modules
- Attend a training session
- Demonstrate proficiency with each test
- Participate in 2-3 all-test events
- Plan and coordinate an event
- 2009 – 2010:
 - 24 pharmacy students and 8 nursing students completed the certificate

Expanding Our Horizons 2010 Annual Meeting and Symposium American Association of Colleges of Pharmacy AACP

Examples of Locations for Events

- Community pharmacies
- Community Health Centers (CHC)
- Senior centers
- Rural community events
- University Wellness events
- Health fairs
- Indian Centers/PowWow's

Screening Tests Offered

- Bone density
- Complete lipid panel
- HbA1c
- Blood pressure
- Balance testing
- Falls assessment
- Depression and cognition screening

Current Statistics

Since 2003:

- Miles traveled: Over 75,000
- Total events: More than 330
- Patients tested: Over 10,000
- Tests completed: Over 15,000
- Abnormal results rate: 40%

Follow Up on Abnormal Results

- Patients are given an outcomes card
 - Abnormal test result checked off
 - Various possible outcomes listed
- Asked to complete and return card in 30 days
- If no response in 45 days, follow up by phone
- Approximately 75% follow-up rate
- Always encourage patients to share results with providers

Barriers to Interprofessional Training

- Need “buy-in” from participating faculty, as well as administrators
- Appropriate supervision for each discipline
- Scheduling, scheduling, scheduling
 - Academic vs. calendar year programs
 - Full-time vs. part-time clinical assignments
 - Faculty vs. provider clinical supervision
 - Overnight trips

Geriatric Health Screening – Bone Density



Health Screening at Kyi-Yo PowWow, Missoula



Expanding Our Horizons 2010 Annual Meeting and Seminars American Association of Colleges of Pharmacy AACP

Blood Pressure Monitoring



Expanding Our Horizons 2010 Annual Meeting and Seminars American Association of Colleges of Pharmacy AACP

Geriatric Health Screening, Sheridan, Montana



Expanding Our Horizons 2010 Annual Meeting and Seminars American Association of Colleges of Pharmacy AACP

Counseling a Patient, St. Ignatius, Montana



Expanding Our Horizons 2010 Annual Meeting and Symposium American Association of Colleges of Pharmacy AACP



University of Oklahoma Health Sciences Center Experience in Interprofessional Geriatric Education

Mark A. Stratton, Pharm.D., BCPS, CGP, FASHP
University of Oklahoma College of Pharmacy

Expanding Our Horizons 2010 Annual Meeting and Symposium American Association of Colleges of Pharmacy AACP

Critical Point

Interprofessional Program Development
Commitment from the Colleges and
University Administration

Expanding Our Horizons 2010 Annual Meeting and Symposium American Association of Colleges of Pharmacy AACP

Participation in APTR Institute for Interprofessional Prevention Education

- Association for Prevention Teaching and Research
- Funded 22 universities in 2007 and 2008 to develop interprofessional prevention education programs
- At least 11 of the 22 had pharmacy as a team member

Year 1: 2008-2009

- Planning year to develop our product
- Team members – medicine, nursing, occupational therapy, pharmacy, physical therapy
 - Met regularly to develop our product and identify and resolve barriers to implementation

Product

- Interprofessional Course
 - Interprofessional Health Care Approach to Community Dwelling Elders at Risk for Falls

Course Goal

- To develop health care professionals from different disciplines who will be able to apply the interprofessional training acquired through this course to effectively work within and develop functional interprofessional health care teams to effect positive outcomes for community dwelling elders at risk for falls.

Course Logistics

- Two semesters/one credit hour per semester
- Live lectures, practicum experiences, internet based methods

Course Contents

- Foundations of aging
- Team building
- Discipline specific presentations
- Patient interview skills
- Logistics exercises
- Patient interview
- Discipline specific intervention plan
- Interprofessional intervention plan, development and implementation
- Assessment of impact of plan

Challenges Resolved

- Level of trainees from each discipline
- Number of trainees
- Identification of at risk elders and geographic area of service
- Course credit issues/ course listing
- Course fees

Expanding Our Horizons 2010 Annual Meeting and Seminars American Association of Colleges of Pharmacy AACP

Challenges Remaining

- Recruitment of trainees
- Appropriate trainee assessment instrument
- Patient care logistics

Expanding Our Horizons 2010 Annual Meeting and Seminars American Association of Colleges of Pharmacy AACP

Future Plans

- Continuing discussion to resolve the challenge of trainee recruitment
- Implementation

Expanding Our Horizons 2010 Annual Meeting and Seminars American Association of Colleges of Pharmacy AACP

Announcements

Expanding Our Horizons 2010 Annual Meeting and Symposium American Association of Colleges of Pharmacy AACP

AFPE Pharmacy Faculty Development Fellowship in Geriatric Pharmacy

- The 2010 Fellowship recipient:
 - **Joshua J. Neumiller, PharmD**
 - Assistant Professor, Washington State University College of Pharmacy. His topic is:
- Project title
 - "Impact of a Multidisciplinary Medication Management Intervention on Inpatient Medication Administration Errors on Health Outcomes in Parkinson's Disease."

Expanding Our Horizons 2010 Annual Meeting and Symposium American Association of Colleges of Pharmacy AACP

2011 AFPE Fellowship

- Information can be found on the AFPE website at www.afpenet.org.
- Applications are due March 1, 2011
- Interested applicants need to allow time to negotiate a 6-month release from their teaching and administrative duties during May 1, 2011 through April 30, 2012.
- The stipend is \$25,000 provided by AFPE and \$25,000 provided by the applicant's institution.

Expanding Our Horizons 2010 Annual Meeting and Symposium American Association of Colleges of Pharmacy AACP

Partnership for Health in Aging

- AACP adopting competencies on pharmacy-based memory screening
 - http://www.americangeriatrics.org/files/documents/health_care_pros/PHA_Multidisc_Compencies.pdf
- Lucinda Maine: Call for SIG leader to participate
 - 20-30 hours/year of staff/representative time on conference calls, reviewing/commenting on statements

Change of Guards

- In-coming Chair
 - Michael Brodeur, PharmD
 - Associate Professor,
 - Albany College of Pharmacy and Health Sciences
- Nomination for Chair-Elect
- Nomination/Volunteer for committee group leader
