

Educator's Portfolio for Douglas Bower MD

Section 1: Leadership in Predoctoral Education

A. M3 Required Family Medicine Clerkship

B. Evidence-Based Medicine (EBM)

A. Quality of Students' Experiences in Third Year Family Medicine Clerkship

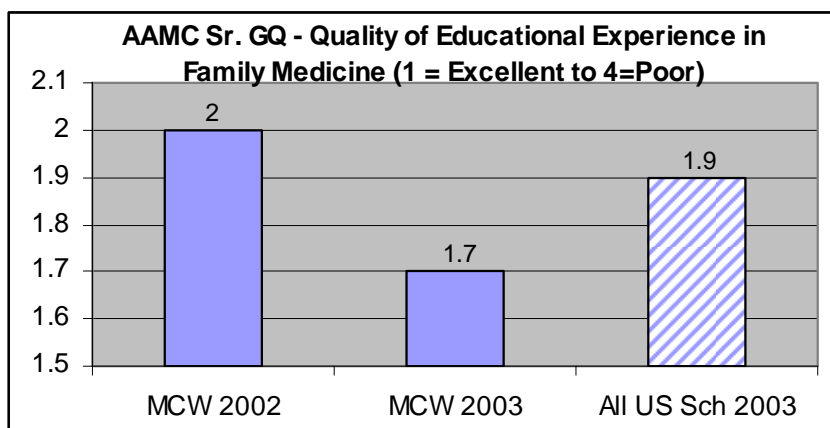
Dr Bower is the Director of Predoctoral Education in Family Medicine and from 2000 to present he has directed the required 3rd year Predoctoral Clerkship in Family & Community Medicine. Annual enrollment in this course has ranged from 188 to 206 students.

EVIDENCE: Course Evaluations

Below is data on the comparison of the Family Medicine clerkship with all other required clerkships at MCW. For the years 2000-2001 through the first half of the 2003-2004 year, the Family Medicine Clerkship is the most highly rated clerkship of all, as judged by third year students. (Rating anchors are 1 = Outstanding, 6 = Unsatisfactory)

	2000-1	Rank	2001-2	Rank	2002-3	Rank	July-Dec 03	Rank
Overall Rating	1.8	1	1.67	1	1.9	1	1.89	1
House Staff as Educators	1.81	1	1.69	1	1.98	2	1.86	2
Attending Staff as Educators	1.60	1	1.49	1	1.51	1	1.72	1
Experienced Unprofessional Behavior	4% Yes	1 (Others 8-20%)	4% Yes	2 (Others 2-35%)	5.2% Yes	1 (Others 7-31%)	9.7% Yes	1 (Others 10-37)
Obtained Principles of Specialists (Primary Medicine)	1.71	1	1.57	1	1.79	1	1.77	1
>5 hours Instruction from Attending	60%	1	67%	1	57%	1	60%	1

AAMC Senior Graduation Questionnaire Results (MCW Family Medicine vs National)



B. Establishing and Leading EBM in Predoctoral Education

Dr Bower has made vast contributions to the integration of technology into medical student education. These efforts have been direct – as he has integrated EBM into required PBL cases and clinical project during the 3rd year clerkship. They have also been indirect but equally as essential. He has worked behind the scenes to train MCW’s Volunteer Clinical Faculty who have strong influence on the education of MCW students.

EVIDENCE: Dr Bower has contributed to planning several types of experiences that orient community preceptors to EBM resources. One example was an evening course co-taught with instructors from MCW Libraries, Educational Services and Family Medicine. Audience members were an advisory council of ten MCW clinical faculty members (1-12 years of teaching service to MCW). Some had almost no web experience.

Community Preceptor EBM Workshop (Nov 2002) Scale 5 = Excellent/Very Much, 1=Poor/Not at All	
<u>Item</u>	Mean of responses (n=10)
Based on tonight’s training session, rate your improved ability to successfully do the following:	
Log in and gain access to the library’s Clinical Resources	4.3
Identify several clinical resources that are fast to use (e.g., appropriate for “point of care”)	4.3
Overall, this orientation to these web based Clinical Resources stimulated me to want to learn more about using the web for clinical teaching	4.6

- According to Mary Blackwelder, Director of Medical College Libraries:
“Doug Bower has been a leader in designing EBM training programs for community preceptors. Doug has rare gifts for fostering collaboration – demonstrated by his tapping the skills of librarians to support these programs. He has also provided key hands-on assistance, which has helped us successfully deliver several EBM training programs to preceptors.”
- Doug’s scholarship has advanced the use of EBM and technology in primary care education. Below are select examples of the 21 national presentations authored or co-authored by Dr Bower since 2000.
 1. Web-base instruction to enhance clinical teaching skills of community preceptors. Central Group on Educational Affairs (CGEA) of the AAMC, March 2000, Rockford, Illinois.
 2. Quantitative Assessment of Handheld Computer Use by M-3 Family Medicine Clerkship Students. 28th Annual STFM Predoctoral Conference. Tampa, FL, Feb 1-4, 2002.
 3. Family Medicine as Leaders of Evidence-based Medicine Curriculum Initiatives. 29th Annual Predoctoral Education Conference. Austin, TX, Jan 30 - Feb 2, 2003.
 4. Teaching Evidence-based Medicine Search Skills Through Problem-based Learning in a 3rd Year Family Medicine Clerkship. 29th Annual Predoctoral Education Conference. Austin, TX, January 30 - February 2, 2003.
 5. Byte-sized Interventions to Increase Evidence-based Medicine Teaching by Family Medicine Community Preceptors. 36th Annual Spring Meeting of STFM. Toronto, Ontario. May 15, 2004.

- **Additional scholarship has included co-authoring “A Guide to Clinical Teaching: Community Preceptor Modules”**
 - 10 modules addressing clinical teaching skills for community physicians with students in their office.
 - An *American Academy of Family Practice (AAFP)* approved web-based CME for physician preceptors, 1999.
 - Recipient, **Innovative Educational Project Award, 1999:** Awarded to the Advanced Education Faculty Development Group, MCW DFCM.
 - *In recognition of innovative projects, which have had significant impact on the quality of family medicine education at the Medical College of Wisconsin and the affiliated family practice residency programs.*
 - Publication: "Web Based Instruction to Enhance Clinical Teaching of Community Preceptors." *Academic Medicine* 1999; 74(5):103-104
 - In 2003 and 2004, and in collaboration with the DFCM Advisory Council for Community Faculty Excellence, Doug is leading a team to revamp this curriculum to emphasize several new teaching tools and technologies. These efforts were the topic of a national workshop that he co-authored:
 - *Byte-sized Interventions to Increase Evidence-based Medicine Teaching by Family Medicine Community Preceptors. 36th Annual Spring Meeting of STFM. Toronto, Ontario. May 15, 2004.*

- Dr Bower continues to contribute to several development activities within MCW to advance the role of EBM in clinical teaching. He helped lead the development of the curriculum for a recent “Intercession” on EBM teaching that included faculty and M-3 students.
 - *1st Evidence-based Medicine Intercession for M3 Clerkship students, chairman, and curriculum development for M3 Clerkship Directors. January 5, 2004*



EVIDENCE OF QUALITY: Faculty Ratings of the EBM Intercession (n=20)

Item: This Intercession enhanced M3 students’ ability to:	Rating
Convert need for information (e.g., therapy, prevention, diagnosis, prognosis) into an answerable question using PICO format for foreground questions	Yes/Somewhat 100% (20)
Articulate the content of commonly used electronic evidence based resources and the rationale or methodology for inclusion of the information found in these resources	Yes/Somewhat 95% (19)
Select best evidence resources (e.g., databases, clinical guidelines) based on the specific clinical question using criteria of validity and reliability	Yes/Somewhat 95% (19)
Increase efficiency as a clinician in asking, acquiring, applying and assessing best evidence	Yes/Somewhat 85% (17)
To what degree do you anticipate this session will impact/change your behavior re: EBM?	High/Moderate 80% (16)
Overall: GRADE the quality of this session	Honors / HighPass 95% (19)
Comments: “Students gained information and had quality time with faculty” “Librarian input was great” “Cases were very good – the best part” Use of “real life clinicians made the learning exciting”	

Section 2: Student Teaching & Scholarship on Teaching and Mentoring

A. Student Teaching in Clinical Settings

B. Classroom Teaching for Medical Students

C. Advising and Mentoring

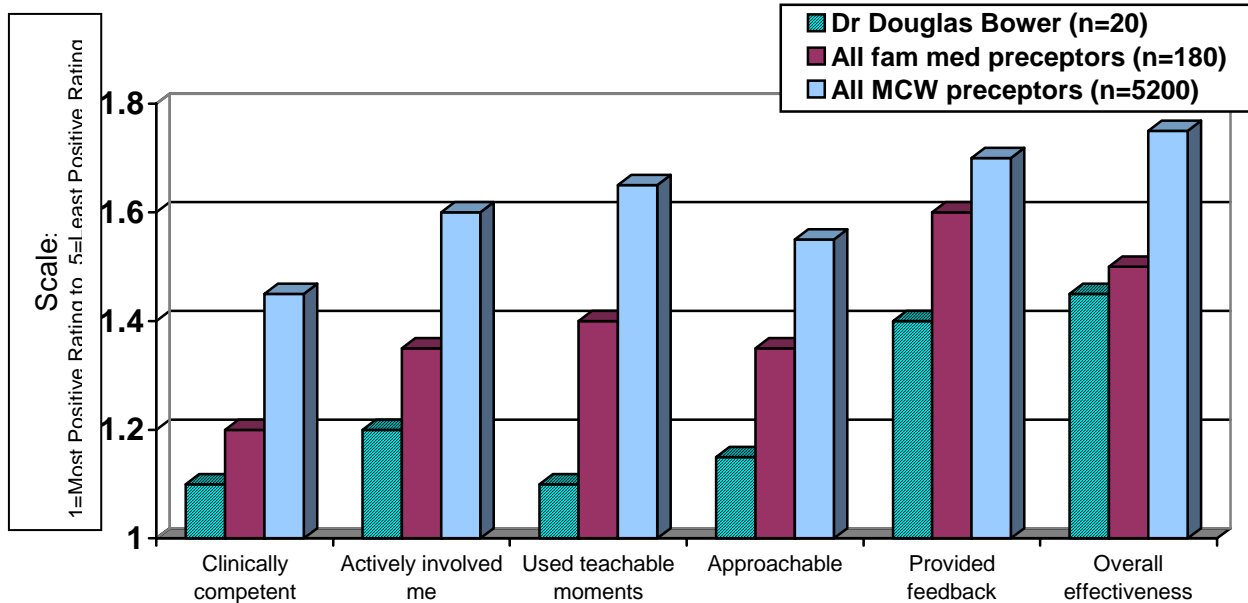
A. Student Teaching in Clinical Settings

1992 - Present	MCW Ambulatory Medicine Clerkship: A one-month third year medical student (M-3) Clerkship. Since 1992 I have been a Preceptor for approximately 8 or 9 M-3 students per year.
1992 - 1998	MCW Family Medicine Clerkship: A one-month fourth year medical student (M-4) Clerkship. Since 1992 I have been a Preceptor for approximately two to six M-4 students per year.
1992 - 2001	Isaac Coggs teaching and support: (The Coggs Clinic is for uninsured patients; care provided by medical students and volunteer preceptors.)
1993 – 1995	Training Workshops on Physical Diagnosis Skills, Preceptor for M-1 & M-2 students. Family Medicine Clinic at Curative. Three-hour workshops, twice per year.
1993 – 1998; 2000 - 2003	M-2 Introduction to Clinical Exam (ICE) Course. A physical diagnosis course taught each Spring. -- 1-4 students for five or six ½ days each year
1993 - 1995	"Tag-a-long" experiences. ½ day clinic experience for M1's from the Family Practice Interest Group. 1-3 students/yr.
1995 - Present	Clinical Continuum mentor for medical students: 2-4 M-1/M-2 students each year. Each student spends a minimum of five ½ days each year as part of their MCW Clinical Continuum medical school curriculum.
1998 - Present	Pelvic exam preceptor, for M-2 Introduction to Clinical Exam (ICE) course with live models. . 1988: Two, 2-hour sessions 1999: One, 2-hour session 2001: One, 2-hour session 2002: One, 2-hour session 2003: Two, 2-hour sessions 2004: Two, 2-hour sessions
2003	Preceptor for MCW M4 student, "Master Clinician" elective

Clinical Teaching Summary & Evidence

- Supervise and instruct medical students in primary care clinical education. Practice and teaching includes primary care of all patient ages, including obstetrics.
- M-3 Family Medicine Clerkship. Family Medicine data from 2001 to present. Student evaluations of teaching.

EVIDENCE: Student Evaluations



• Representative Comments from Medical Students

- M-4 Ambulatory student - "You were always flexible to my needs as a fourth year medical student . . . the most important thing I will take away . . . there is more to medicine than just physical exams and lab tests. My whole experience was very rewarding."
- M-3 Ambulatory student - "You will always be a model of the doctor I aspire to be."
- M-2 Physical diagnosis student - "Dr. Bower is patient and uses methodical approaches to patients and their problems. He has a good positive influence on students."
- M-1 volunteer clinic student - "Dr. Bower was great to work with; I especially appreciate the direct feedback I received from him. Not all faculty take the time to comment on the successes and failures of my patient interactions, write ups, etc."

• Clinical Teaching Award, 1998; MCW Department of Family and Community Medicine (DFCM)

- This award recognizes one MCW DFCM faculty member each year for excellence in clinical teaching based on nomination and a peer selection committee.
- Defined by: Excelling in patient care and clinical teaching; serving as a exemplary teacher role model of family practice principles; and effectively motivating and/or mentoring residents and students.

B. Classroom Teaching for Medical Students

1993 - 1994	Profession of Medicine Preceptor (POMP), for eight first year medical students. Six two-hour sessions over the school year. Focusing on adjustment to medical school, the nature of being a physician and a professional, and the doctor-patient relationship.
1993	Profession of Medicine (POMP). Bioethics. Preceptor for 10 first year medical students - including being the co-facilitator for the small group discussion sessions. Fourteen afternoons in the 1993 Fall semester were spent on this activity.
1994 - 1998	Medical Student lectures on Prenatal Care, Pediatric Immunization or Well Child Care, given two to six time per year, in conjunction with the M-3 Ambulatory Medicine Clerkship and the or the M-4 Family Medicine Clerkship.
1995	Bioethics/Palliative Medicine. M-2 course in Fall. Six 3-hour classes. Co-facilitator for 1 and 1/2 hours of discussion group of ten students for each class.
1997	Small group facilitator (30 M-1 students). Two-hour feedback session for Clinical Continuum Immersion Block, Mentor program in the Fall of 1997.
1997 - 1998	Biochemistry 201 course - Case Based Discussion co-facilitator for First Year MCW medical students. Five, one-hour sessions each Fall semester. I was clinical discussant, with a biochemistry faculty who was the basic science discussant.
1997 - 1998	"Medical Interviewing." M-1 student Clinical Continuum Course. Two, 2-hour sessions, each year.
1998	"Introduction to the Otoscope/Stethoscope." M-1 student clinical continuum course. One, 2-hour sessions.
1999, 2001, 2002	Preceptor for 10 th Annual Blood Glucose Laboratory for 1 st year Biochemistry Medical Students, one morning, each year.
2000 – Present	Problem Base Learning Facilitator - 6 months per year, 24 hours per month. (July 2000 to present)
2002 - Present	"Professionalism" facilitator for M3 spring and fall intercessions since fall 2002.

May 6, 2003

“Evidence-based Medicine” for M-4 elective, Preparing for Internship Course (one hour lecture for 150 students.)

EVIDENCE of QUALITY: 2002-2003 Teaching in Problem Based Learning (PBL) Course

Scale Anchors 1=Strongly Agree, 6 = Strongly Disagree	Mean Dr Bower	Mean All FM	N Dr Bower	N All FM
Item				
My facilitator clearly communicated expectations for my & group responsibilities	1.3	1.7	23	168
He/she facilitated the PBL sessions so that they were clear and organized	1.25	1.6		
Facilitation lead to an enthusiastic and stimulating learning environment	1.35	1.7		
Overall rating of my PBL facilitator	1.25	1.6		

C. Advising and Mentoring Excellence

- 1992–4+2000-present Advisor to third year medical students regarding their fourth year schedules (one to two students each year).
- 1994 – Present Advisor, fourth year students about Residency Programs, including letters of recommendation (one to eight each year).
- 1995 – Present Annually, one assigned protégé participating in the Primary Care Faculty Development Program. Includes joint, assigned mentoring orientation, project alignment preview, and monthly monitoring of career activities
- 1997 - Present Mentor two M1 and M2 students, MCW Clinical Continuum Course
- 2003 Pre-med, office-based experience for minority college student through MCW summer research program.

EVIDENCE of QUALITY & SCHOLARSHIP on MENTORING

- **Mentoring Guidebook for Academic Physicians**, © MCW May 1999. BOWER DJ, Diehr S., Morzinski J., Simpson D.
 - Description: A step-by-step literature/research based approach to colleague-mentor relationships (70 pages).
 - Dissemination: **481 total copies disseminated nationally.**
 - May 1999 - present: Available to the MCW Faculty mentor program.
 - Accepted as peer reviewed publication by *Society of Teachers of Family Medicine Bookstore* based on peer review.
 - 1999 – present: Available through the bookstore of the Society of Teachers of Family Medicine Annual Meeting. *Has spent 10 months on STFM’s “Top Ten” list for book sales since its acceptance to their bookstore, most recently in 2003.*
 - According to Janet Bickel, Associated Vice President, Institutional Planning and Development for the AAMC:

I've found that this guide is at once the most scholarly, thorough, user-friendly and effective. The support/challenge/vision concept is a rich one that I use in all my talks on the subject. I have been recommending the guide at every school I visit or who contacts me looking for assistance on improving mentoring.

- **1997 Paper of the Year Award MCW DFCM - Co-author.** "A Descriptive, Cross-sectional Study of Formal Mentoring for Faculty," *Family Medicine* 1996, 28: 434-438.
 - Award for single paper selected by peers for having made a significant contribution to the family medicine literature during the previous calendar year, exhibiting scholarly, scientific and literary merit.
- Other co-authored, published papers on mentoring:
 - Faculty Development Through Formal Mentoring. *Acad Med*, 1994; 69:267-269.
 - Support-Challenge-Vision: A Model for Faculty Mentoring. *Medical Teacher*, 1998;20(6):595-597.
- **Representative Comments from Peer-Reviewed National Presentations on Mentoring:**
 - "Clean, concise, well presented. Well organized and practical."
 - "Very stimulating discussion. Very interesting."
 - "This session should be mandatory for all of our faculty. Group process worked well. Very helpful/useful exercises." Overall value of session = 4.6 (N = 26)
 - 5 = excellent; 1 = poor.

SECTION 3: ALSO COURSE **Scholarship, Leadership, and Teaching Excellence**

Description: Advanced Life Support in Obstetrics (ALSO®)

ALSO is a standardized two-day course available through the *American Academy of Family Physicians (AAFP)* since Fall 1993, designed to help develop and maintain the knowledge and skills necessary to effectively manage emergencies (and urgencies) that may arise in obstetrics. Similar format to ACLS, ATCS and PALS.

When ALSO was originated in 1994, Dr Bower qualified as an approved "faculty adviser," one of only 57 across the nation. In this role he assures the uniformity and quality of each course offered and who certifies ALSO course teachers. He has been an invited, National Faculty Adviser for 11 ALSO Courses.

1. St. Mary's Hospital ALSO Course, Milwaukee, WI (May 26-27, 1994)
2. Columbia Hospital ALSO Course, Milwaukee, WI (September 7-8, 1994)
3. Grand Rapids Family Practice Residency, Grand Rapids, MI (October 21-22, 1994)
4. Waukesha Memorial Hospital ALSO Course, Waukesha, WI (February 24-25, 1995)
5. Ripon Medical Center ALSO Course, Ripon, WI (November 17-18, 1995)
6. Union Hospital, Family Practice Residency, Terre Haute, Indiana (May 29-30, 1996)
7. Ninth MCW ALSO Course, Delavan, WI (October 10-11, 1996)
8. Watertown Hospital ALSO Course, Watertown, WI (August 7-8, 1997)
9. Columbia ALSO Course, Milwaukee, WI (November 14-15, 1997)
10. St. Mary's ALSO Course, Milwaukee, WI (May 13-14, 1998)
11. 19th MCW ALSO Course (at Curative), Milwaukee, WI October 7 - 8, 2003.

EVIDENCE OF QUALITY

○ **1998 Paper of the Year Award MCW DFCM – First Author.**

"The Effects of the ALSO Course as an Educational Intervention for Residents," *Family Medicine* 1997; 29:190-6.

- *This award recognizes the one paper, which made a significant contribution to the family medicine literature during the previous calendar year, exhibiting literary, scholarly and scientific merit.*

● **ALSO Course Leadership**

- Invited "Faculty Advisor" for ten courses: 1994 to present.
 - The "Faculty Advisor" assures the uniformity and quality of each course as an advisor to the Course Director and certifies faculty ("Instructor Candidates") to be ALSO course teachers for subsequent courses.
 - One of the original 57 national AAFP faculty advisor for ALSO, as they began to disseminate the course.
 - Through 2003 Dr Bower has been a faculty member for 25 ALSO courses (N = 924 resident and other primary care participants)

Representative comments regarding Faculty Advisor skill (from Course Directors and Instructor Candidates)

- "I was most impressed with your individual teaching performance and want to acknowledge the excellence that you helped contribute to the course."
- "Your flexibility and breath of support had a significant impact."
- "Your enthusiasm and knowledge were obvious."
- "High level of expertise and relaxed guidance."
- "Your help was invaluable...thank you for a job well done."
- "Extremely positive... You have been a wonderful teacher."

● **ALSO Course Teaching Excellence**

- Faculty member for 25 ALSO courses (N = 924 participants)
 - 18 MCW DFCM courses (N = 698 participants)
 - 7 courses regional/national (N = 226 participants)

Teaching Focus Area: Shoulder Dystocia		
Topic	Presenter rating 1 = excellent; 2 = good; 3 = fair; 4 = poor	Comments
Shoulder dystocia workshops	1.0 to 1.28 (range)	Top 1/3 of all presenters for both lecture and workshop; Evaluation data available for 12 of 25 course (N = 450)
Shoulder dystocia lecture	1.07 to 1.52 (range)	
Typical Attendee Comments: "Very practical, excellent, good instruction," "well done, extremely helpful and informative," "excellent teacher," "one of the most helpful parts of the course for me," "Great explanations." "Instructor was very engaging." "Good style, thorough, was approachable." "Very upbeat - an excellent FP role model."		

Additional peer-reviewed scholarship on ALSO and Family Physicians' Maternity Care

- *The Effects of the ALSO Course on Family Practice Residents' Attitudes Toward Doing Obstetrics. Poster Session at the Second Annual MCW Department of Family & Community Medicine Research Forum, Milwaukee, WI - May 20, 1993.*
- *Trends in Family Practice Maternity Care 1989-1994. Platform presentation at the Fifth Annual MCW Department of Family and Community Medicine Research Forum, Milwaukee, WI - June 3, 1996.*

Section 4: MCW and Wisconsin -Wide CME Teaching

A. Local Teaching for Faculty and Practitioners

B. Faculty /CME Presentations

A. Local Teaching for Faculty and Practitioners

Since 1993, a total of 39 local, peer-reviewed presentations (e.g., Student Research Day, DFCM's Annual Research Forum, Wisconsin Research Network presentations). First author on 15 (38%), and collaborating author on 24. Educational and teacher-focused citations emphasized in the shortened list below. [full list available but not shown here due to space limitations].

Accepted Presentations/Posters at MCW Department of Family and Community Medicine's Annual Research Forum

1. BOWER DJ, Simpson DE, Diehr S, Morzinski JA. Longitudinal Effects of a Formal Mentoring Program. June 7, 1994.
2. Helwig A, BOWER DJ, Wolff M. Assessing the Need for a Clinical Practice Guidelines Curriculum for Residency Education. June 9, 1997.
3. BOWER DJ, Guse C, Helwig A. Faculty time Allocation and its Relationship to publication productivity: An assessment of a multi-site Department of Family and Community Medicine. June 1, 1998.
4. BOWER DJ, Kimmel S, Zimmerman R, Admire J. An Immunization Education Assessment of US Family Practice Residencies. June 7, 1999.
5. Beecher A, Bedinghaus J, Rediske V, Carle M, Niedfeldt M, Lawrence S, Wolkomir M, Diehr S, BOWER DJ, Simpson D. Web-based Instruction to Enhance Clinical Teaching Skills., June 7, 1999.
6. Bedinghaus J, Diehr S, BOWER DJ, Niedfeldt M, Beecher A, Lawrence S, Bertling C, Simpson D. Effect of Clinical Teaching Method of Patient Satisfaction. June 5, 2000.

7. BOWER DJ, and the Advanced Education Faculty Development Group. Clinical Teaching and Technology in an Ambulatory Medicine Clerkship. June 5, 2000.
8. Meurer L, BOWER DJ, Slawson J, Douglas L, Seidl J, Holloway R, Layde P and the Advanced Research Group in Faculty Development. Dyspepsia in Primary Care. June 5, 2000.
9. BOWER DJ, Schubot D, Marth J, Simpson D and the Predoc group. Clinical Learning Experience for Third Year Medical Students on a Family Medicine Clerkship. May 21, 2001.
10. BOWER DJ, Lawrence S, Beecher A, Niedfeldt M, Diehr S, Bedinghaus J, Simpson D. Who teaches M3 students? May 21, 2001.
11. BOWER DJ, Meurer L. InfoRetriever as a Tool to Teach Evidence-based Medicine in the Third Year Clerkship. May 20, 2002.
12. Schubot D, BOWER DJ, Bedinghaus J, Pierre I. The PDA Field of Dreams: If they get it, will they use it? May 20, 2002.
13. BOWER DJ, Romm F, Jeppsen P. Do Family Medicine Clerkship Students Learn to Use Foreground Questions in a Problem-Based Learning Format? June 9, 2003.
14. BOWER DJ, Schubot D, Diehr S, Romm F. Medical Student Application of Evidence-Based Medicine (EBM) Search Skills in the Classroom and in Office-Based Patient Care in a Third Year Family Medicine Clerkship. June 9, 2003.
15. Morzinski J, BOWER DJ, Currey L. Incentives for Community Teachers: What do they appreciate? June 9, 2003.
16. Schubot D, BOWER DJ. Trends in Family Medicine Clerkship Students' Clinical Experiences – 2000-2002. June 9, 2003.
17. Diehr S, BOWER DJ. Evidence-based Medicine Step 5: Using Problem Based Learning Methodology to Improve Knowledge & Teaching Skills about Evidence-based Medicine June 9, 2003.

MCW Annual Student Research Poster Sessions

1. Jeppsen P, BOWER DJ. Third Year Medical Students on a Required Family Medicine Clerkship Have Clinical Experiences Equivalent to National Statistics. October 4-5, 2001.

B. Faculty/CME Presentations

Since 1992 Dr Bower has presented over 72 lectures to CME audiences throughout the Midwest. Dominant topics are: Advanced Life Support in Obstetrics (ALSO), Evidence Based Medicine, and immunization updates. [Complete list available. Shortened here to comply with space limits.]

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|--------------------|--|
| August 8-9, 1997 | Who Should Deliver Where, lecture. Post-partum Emergencies, lecture. Shoulder Dystocia, lecture and workshop. Mega Delivery Testing. Watertown ALSO Course, (29 participants). Watertown Hospital, Watertown, WI |
| January 28, 1998 | Practice Guidelines: To Use or Not to Use. 28th Annual MCW Winter Refresher Course for Family Physicians. Country Inn Hotel and Convention Center, Waukesha, WI |
| February 2, 2000 | Immunizations Update-2000. 30th Annual MCW Winter Refresher, County Inn Hotel & Conference Center. Waukesha, Wisconsin. (Invited) |
| February 4, 2000 | Using Information Technology to Teach Medical Students. 30th Annual MCW Winter Refresher, County Inn Hotel & Conference Center. Waukesha, Wisconsin. (Invited) |
| May 18-19, 2000 | 15th MCW presentation of the ALSO Course. Department of Family and Community Medicine (at Curative); (28 participants) Douglas J. Bower, Course Director. |
| April 10-11, 2001 | 16 th MCW presentation of the ALSO Course. Department of Family and Community Medicine (at Curative); (45 participants). Shoulder Dystocia workshop & lecture, Megadelivery testing. |
| June 2001 | “Teaching with Technology” - MCW Community Preceptor Workshop – Milwaukee, WI. |
| September 17, 2002 | “Using Electronic Databases in Teaching.” MCW Teaching with Technology Fair – Milwaukee, WI. |
| May 6-7, 2003 | 18 th MCW presentation of the ALSO Course. Department of Family and Community Medicine (at Curative), (36 Participants). Shoulder Dystocia workshop, Megadelivery testing. Milwaukee, WI. |
| May 28, 2003 | “Evidence Based Medicine” lecture with Andy Anderson, MCW community preceptor conference, Milwaukee, WI. |

- September 17, 2003 “CURE Conference: Evidence-based Medicine”, Lecture, DFCM CURE conference (Grand Rounds). Milwaukee, WI.
- October 7-8, 2003 19th MCW presentation of the ALSO Course. Department of Family and Community Medicine (at Curative), (30 Participants). Shoulder Dystocia workshop, Megadelivery testing. Milwaukee, WI.

EVIDENCE OF QUALITY

MCW DEPARTMENT OF FAMILY & COMMUNITY MEDICINE *MIDWEST REGIONAL WINTER REFRESHER COURSE (WRC)*, REPRESENTATIVE YEARS / DATA

Date	Topic	Presenter rating 1 = excellent; 5 = poor	Comparison to other faculty presenters 1 = excellent; 5 = poor
1998	Pediatric Immunizations	1.7	1.9
1997	Update on Immunization	1.5	Data not available
1996	Update on Polio and Varicella	1.6	Bower rated in top 1/3 of presenters on preparation, content and quality

COMMUNITY CME PRESENTATIONS, REPRESENTATIVE YEARS / DATA

Date	Topic	Presenter rating	Scale
1997	Pediatric Immunizations 1997	4.11	5 = outstanding; 1 = poor
1994	Influenza and Adult Vaccinations	1.3	Presenter effectiveness: 1 = strongly agree; 5 = strongly disagree
1992	Universal Hepatitis B Immunization	92 of 93 strongly agreed or agreed was effective	Presenter effectiveness: 1 = strongly agree; 5 = strongly disagree
Overall Comments: "Clear and well organized." "Best talk today. Interactive presentation style very good." "Excellent job of presentation." "Made people comfortable to ask questions."			