Letter from the Chair

In many ways this has been a year filled with change for our Department, with many transitions for our faculty and our practices.

Dr. Linda Stone assumed the position of Associate Dean for Student Affairs last summer. In doing that, she now has responsibility for all medical students, not just the Family Practice Interest Group and our departmental activities.

Dr. Tamara Gutierrez joined our Department in October and soon became Associate Director of Patient-Centered Medicine in the College of Medicine for first and second-year students.

Dr. Milisa Riser assumed responsibility as the Chair of the Implementation Committee for the Medical Center’s Electronic Medical Record. This is a tremendous responsibility and continues to consume much time and energy.

Our students transition to new roles yearly, and yet they continue to excel. This year our students received a Program of Excellence Award from the American Academy of Family Physicians for the sixth year in a row!

Dr. Doug Knutson has just finished his first year as the Director of our residency program. Everyone agrees that he has taken the program to a new level. He has elevated the educational programming for the residents as well as the morale in this core division of the Department.

Dr. Tom Best joined our Department as the Director of the Division of Sports Medicine in July 2005 and has begun changes in that program to increase the scholarly activity. Plans are underway to make the fellowship a two-year program that would include a year of research to advance the research productivity to the next level.

Dr. Eric Schaub assumed leadership of our occupational medicine physicians in July 2005 and is spearheading a related strategic plan for the education, research, and patient care missions in the Department and the College.

Dr. Glen Aukerman has completed his first year as the Director of our Division of Integrative Medicine and is leading that program to develop more teaching of students and residents and to integrate the research activities with those of other divisions and departments in the Medical Center.

We started the configuration of our practices to be in alignment with the Ambulatory Strategic Plan of the Medical Center. We worked to close 5 small practices and reassign physicians to other sites. The goal will be to have larger practices that work in cooperation with multispecialty sites and practitioners of OSU Physicians. The practice realignment will continue into coming years as the Medical Center expands its ambulatory reach into central Ohio.

More transitions will come as we move into the new academic year. For example, Dr. Jason Diehl will be pursuing a faculty development fellowship at Michigan State to advance his skills and prepare him to lead the Sports Medicine Fellowship at some point in the future. Dr. James Borchers is starting work on his Masters in Public Health, which should prepare him to take a more active role in the research and scholarship of the Division of Sports Medicine.

Dr. Joe Dusseau will be assuming the role of Associate Director for the Physician Development Course in the College of Medicine, and Dr. Allison Macerollo will be assuming the role of the Director of Physical Diagnosis.

Dr. Ken Cayce will be joining the Department, with the hope of developing a Fellowship in Integrative Medicine. Dr. Jeffrey Hunter will be joining the Department with a goal to advance the practice management curriculum for the residents, to help implement the electronic medical record, and to develop a plan for improving quality.

Dr. Benita Petri will be changing her academic role from teaching residents to working with the Mentorship Program and the medical students in the College of Medicine. Dr. John McConaghy will also shift some of his responsibility from residents to medical students for the coming year.

Dr. Shalva Kakabadze will take on additional responsibilities with the urban residents, having become the Assistant Residency Director for the Urban Residency Program. Dr. Leon McDougle will be concentrating more on academic and research endeavors.

Change will continue to be a constant for our Department and our faculty as we work to implement our new strategic plan. Please review the major highlights on the next two pages and share our excitement as we embark on our future.

Mary Jo Welker, MD
Professor of Clinical Family Medicine
Chair, Department of Family Medicine
ISSUE/CHALLENGE: Communication and Connectivity

GOAL I: To assure an environment that nurtures, encourages, and supports faculty and staff in the pursuit of excellence regarding education and training, research and scholarship, clinical, and administrative initiatives.

OBJECTIVE I.A: To institute activities and strategies at the staff level within and between the academic settings to boost morale, collaboration, and cooperation.

OBJECTIVE I.B: To improve communication, integration, and collaboration within, between, and across the various missions of the Department.

OBJECTIVE I.C: To enhance, expand, and increase means to communicate regarding the Department.

OBJECTIVE I.D: To position the Department, internally and externally, to be seen as a major contributor to current issues.

OBJECTIVE I.E: To build and sustain a faculty development program that includes didactics, mentorship, collaboration, and incentives.

ISSUE/CHALLENGE: Adapting and Excelling in a Changing Health Care Environment

GOAL I: To use the Medical Center’s Master Realignment Plan as a means to create the optimal future practice(s) of family medicine.

OBJECTIVE I.A: To realign present family practices toward better resource use and practice efficiency.

OBJECTIVE I.B: To increase market share of the Ohio State Primary Care Network relative to geographic potential.

OBJECTIVE I.C: To increase market share of the Ohio State Primary Care Network relative to existing or future service contracts.

GOAL II: To increase productivity in relation to increases in personnel and/or workload.

OBJECTIVE II.A: To incorporate technology-related techniques and strategies such that health care delivery is enhanced and/or more efficient.

OBJECTIVE II.B: To redefine Primary Care Network delivery settings and methods from the perspective of the AAFP-initiated New Model of Care.

GOAL III: To use to maximum advantage an Electronic Medical Record (EMR) as secured and adapted for use in the outpatient setting by the Medical Center.

OBJECTIVE III.A: To implement the EMR across all family medicine Primary Care Network sites.

OBJECTIVE III.B: To use the EMR to improve health care delivery regarding identification and management of health-risk factors, maintaining health and preventing illness, and caring for persons with acute or chronic health care needs.

GOAL IV: To provide the highest quality of health care using best evidence.

OBJECTIVE IV.A: To continue the AAFP Metric Program begun in 2005-06.

OBJECTIVE IV.B: To obtain NCQA recognition per each qualifying area.

ISSUE/CHALLENGE: Building and Sustaining a Defined Family Medicine Education Continuum

GOAL I: To move the Department toward a defined education curriculum from the premedical years, through medical school, residency, and then into the practice years.

OBJECTIVE I.A: To sustain a Pre-medical Initiative that builds interest in Family Medicine, mentors premedical students, and introduces them to the full spectrum of care offered by family physicians.

OBJECTIVE I.B: To build and sustain the Family Medicine presence in the core curriculum of the first two years of medical school.

OBJECTIVE I.C: To build and sustain the Family Medicine presence in the third and fourth years of medical school (Family Medicine/ambulatory clerkship; electives, sub-Is, Honors Program).

OBJECTIVE I.D: To build and sustain student interest for the four tracks in our residency program (core, academic, urban, and rural).

OBJECTIVE I.E: To build and sustain a continuum of faculty development that provides teaching, scholarship, and clinical excellence for the Department and the College of Medicine.

GOAL II: To continue our commitment to student interest in Family Medicine and filling the Family Medicine pipeline.

OBJECTIVE II.A: To sustain current levels of student interest programming including the FPIG and the FMLDP.

OBJECTIVE II.B: To increase physician involvement in the continuum of student interest programming.

OBJECTIVE II.C: To increase residency involvement in student interest programming.

OBJECTIVE II.D: To sustain our benchmark status among FMIGs through AAFP POE recognition.
GOAL III: To build a benchmark residency program.

OBJECTIVE III.A: To build and sustain a strong educational foundation in all four tracks.
OBJECTIVE III.B: To recruit the highest quality students.
OBJECTIVE III.C: To match the highest quality residents.
OBJECTIVE III.D: To ensure residency leadership and faculty members are appropriately developed within their roles, within all four tracks.
OBJECTIVE III.E: To evaluate resident satisfaction with the program.

GOAL IV: To collaborate educationally in residency and fellowship training with traditional and non-traditional partners.

OBJECTIVE IV.A: To evaluate the feasibility of combined residency programs offered through the Department in collaboration with the Medical Center.
OBJECTIVE IV.B: To build upon the Sports Medicine Fellowship, to consider adding others, including geriatrics, integrative medicine, addiction, and an academic fellowship.

ISSUE/CHALLENGE: Integration of Department of Family Medicine into the Medical Center Signature Programs

GOAL I: To align the Department of Family Medicine’s future programmatic emphases with selected signature programs of The OSU Medical Center: Cancer, Critical Care, Heart, Imaging, Neurosciences, and Transplantation in the context of Personalized Health Care, Genetics, Bioinformatics, and Behavioral Research.

OBJECTIVE I.A: To learn everything possible about each of the signature programs and overarching themes, and to determine and prioritize which of the signature programs and overarching themes the Department of Family Medicine should actively pursue for collaborative working relationships.
OBJECTIVE I.B: To identify key member(s) from within the Department of Family Medicine to be assigned to each of the signature programs and overarching themes. For those areas in which no member is currently identified, establish and prioritize a recruiting plan for such an individual.

ISSUE/CHALLENGE: Department of Family Medicine Research and Scholarship

GOAL I: To establish the Department of Family Medicine as a nationally recognized leader in the area of research and scholarship, by being in the top 10% of Departments of Family Medicine in terms of research funding, number of national presentations, and number of publications in peer-reviewed journals.

OBJECTIVE I.A: To develop a research agenda, based on identified priorities, that will determine one-, three- and five-year research goals for the Department and that will guide future recruitment of faculty and other support staff. These goals will address targets for research funding: numbers of grants and dollars, number of presentations at national meetings, and number of publications in peer-review journals.
OBJECTIVE I.B: To build an infrastructure that will support departmental research and scholarship initiatives, based upon the research agenda and identified needs.

GOAL II: Given current funding and restructuring of the OSU Primary Care Network, to maintain and enhance The Ohio State University Primary Care Practice-Based Research Network (OSU-PCPBRN).

OBJECTIVE II.A: To maintain and enhance the OSU-PCPBRN given cessation of support from the PCRI grant.
OBJECTIVE II.B: To maintain and enhance the OSU-PCPBRN given the current restructuring of the OSU Primary Care Network.

GOAL III: To have an infrastructure in place that will promote industry-based clinical trials (e.g., pharmaceutical research) in the Department of Family Medicine.

GOAL IV: To advance the research culture of the Department of Family Medicine.

OBJECTIVE IV.A: To develop a research culture within the Department of Family Medicine that will ensure that all faculty, residents, and staff affiliated with the Department are, in one way or another, actively involved in research and scholarship.
OBJECTIVE IV.B: To incorporate medical students, other graduate students, and pre-med students into research activities within the Department of Family Medicine.
OBJECTIVE IV.C: To develop and implement a research training and mentorship program for the faculty within the Department of Family Medicine.
### Financial Summary for Fiscal Year Ending June 30, 2006

<table>
<thead>
<tr>
<th>Source/Project</th>
<th>Balance July 1, 2005</th>
<th>Sources</th>
<th>Uses</th>
<th>Net for Year</th>
<th>Balance June 30, 2006</th>
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<td>General Funds</td>
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<tr>
<td>Residency Administration</td>
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<td>Residency Supervision</td>
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<td>CTS - Chair Support</td>
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<td>Total - OSU</td>
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<td>3,547,964</td>
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<tr>
<td>Family Medicine Foundation</td>
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<td>8,311,491</td>
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<td>Grand Total</td>
<td>2,978,305</td>
<td>12,999,916</td>
<td>11,859,455</td>
<td>1,140,460</td>
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</tbody>
</table>
### Faculty

#### Regular Tenure Track Faculty

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glen Aukerman, MD</td>
<td>Professor of Family Medicine</td>
</tr>
<tr>
<td>Tom Best, MD</td>
<td>Professor of Family Medicine</td>
</tr>
<tr>
<td>Patrick Fahey, MD</td>
<td>Professor of Family Medicine</td>
</tr>
<tr>
<td>Larry Gabel, PhD</td>
<td>Professor of Family Medicine</td>
</tr>
<tr>
<td>Doug Knutson, MD</td>
<td>Assistant Professor of Family Medicine</td>
</tr>
<tr>
<td>Leon McDougle, MD</td>
<td>Assistant Professor of Family Medicine</td>
</tr>
<tr>
<td>W. Fred Miser, MD</td>
<td>Associate Professor of Family Medicine</td>
</tr>
<tr>
<td>Doug Post, PhD</td>
<td>Associate Professor of Family Medicine</td>
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#### Regular Clinical Track Faculty

<table>
<thead>
<tr>
<th>Name</th>
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</thead>
<tbody>
<tr>
<td>Katherine Balturshot, MD</td>
<td>Assistant Professor of Clinical Family Medicine</td>
</tr>
<tr>
<td>James Borchers, MD</td>
<td>Assistant Professor of Clinical Family Medicine</td>
</tr>
<tr>
<td>Holly Cronau, MD</td>
<td>Assistant Professor of Clinical Family Medicine</td>
</tr>
<tr>
<td>Jason Diehl, MD</td>
<td>Assistant Professor of Clinical Family Medicine</td>
</tr>
<tr>
<td>Pamela Dull, MD</td>
<td>Assistant Professor of Clinical Family Medicine</td>
</tr>
<tr>
<td>Shalva Kakabazde, MD</td>
<td>Assistant Professor of Clinical Family Medicine</td>
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<tr>
<td>Donald LeMay, DO</td>
<td>Associate Professor of Clinical Family Medicine</td>
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<tr>
<td>John McConaghy, MD</td>
<td>Associate Professor of Clinical Family Medicine</td>
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<tr>
<td>Milisa Rizer, MD</td>
<td>Associate Professor of Clinical Family Medicine</td>
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<tr>
<td>Eric Schaub, MD</td>
<td>Associate Professor of Clinical Family Medicine</td>
</tr>
<tr>
<td>Joan Simon, PhD</td>
<td>Associate Professor of Clinical Family Medicine</td>
</tr>
<tr>
<td>Linda Stone, MD</td>
<td>Associate Professor of Clinical Family Medicine</td>
</tr>
<tr>
<td>Mary Jo Welker, MD</td>
<td>Associate Professor of Clinical Family Medicine</td>
</tr>
<tr>
<td>Randy Wexler, MD</td>
<td>Assistant Professor of Clinical Family Medicine</td>
</tr>
</tbody>
</table>

#### Auxiliary Clinical Track Faculty

<table>
<thead>
<tr>
<th>Name</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Michael Alexander, MD</td>
<td>Clinical Assistant Professor of Family Medicine</td>
</tr>
<tr>
<td>Brian Beasley, DO</td>
<td>Clinical Assistant Professor of Family Medicine</td>
</tr>
<tr>
<td>Maria Riza Conroy, MD</td>
<td>Clinical Assistant Professor of Family Medicine</td>
</tr>
<tr>
<td>Robert Crane, MD</td>
<td>Clinical Assistant Professor of Family Medicine</td>
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<tr>
<td>Jason Davenport, MD</td>
<td>Clinical Assistant Professor of Family Medicine</td>
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<tr>
<td>Joseph Dusseau, MD</td>
<td>Clinical Assistant Professor of Family Medicine</td>
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<tr>
<td>Jennifer Ellis, MD</td>
<td>Clinical Assistant Professor of Family Medicine</td>
</tr>
<tr>
<td>Mariann Giles, MD</td>
<td>Clinical Assistant Professor of Family Medicine</td>
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<tr>
<td>Tamara Gutierrez, MD</td>
<td>Clinical Assistant Professor of Family Medicine</td>
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<tr>
<td>Kelly Hall, MD</td>
<td>Clinical Assistant Professor of Family Medicine</td>
</tr>
<tr>
<td>Edna Marie Jones, MD</td>
<td>Clinical Assistant Professor of Family Medicine</td>
</tr>
<tr>
<td>John Jones, DO</td>
<td>Clinical Assistant Professor of Family Medicine</td>
</tr>
<tr>
<td>Randall Longenecker, MD</td>
<td>Clinical Assistant Professor of Family Medicine</td>
</tr>
<tr>
<td>Allisson Macerollo, MD</td>
<td>Clinical Assistant Professor of Family Medicine</td>
</tr>
<tr>
<td>Diane Manos, MD</td>
<td>Clinical Assistant Professor of Family Medicine</td>
</tr>
<tr>
<td>Janet Mason, MD</td>
<td>Clinical Assistant Professor of Family Medicine</td>
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<tr>
<td>Bushra Siddiqi, MD</td>
<td>Clinical Assistant Professor of Family Medicine</td>
</tr>
<tr>
<td>Suellywn Stewart, MD</td>
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<tr>
<td>Suellywn Stewart, MD</td>
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</tr>
<tr>
<td>Shalu C. Zoorob, MD</td>
<td>Clinical Assistant Professor of Family Medicine</td>
</tr>
</tbody>
</table>

#### Cleveland Clinic Faculty

<table>
<thead>
<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Robert Dimeff, MD</td>
<td>Assistant Professor of Family Medicine</td>
</tr>
<tr>
<td>Dan Neides, MD</td>
<td>Assistant Professor of Family Medicine</td>
</tr>
</tbody>
</table>
### Faculty Emeritus
- Lauren Brown, MD
- Kent Schwirian, PhD
- Patricia Schwirian, PhD
- Wilburn Weddington, MD
- P. Tennyson Williams, MD

### Adjunct Professors
- Don Cegala, PhD
- Doug Rund, MD

### Pomerene Chair
- Tom Best, MD

### Clinical Professors of Family Medicine
- Edward Bope, MD
- John Lombardo, MD

### Clinical Associate Professors of Family Medicine
- William Adriou, MD
- Robert Berkman, MD
- John O’Handley, MD
- George Pettit, MD

### Clinical Assistant Professors of Family Medicine
- Mohamed Abib, MD
- Mark Aebi, MD
- Robert Anderson, MD
- David Applegate, II, MD
- Ann Aring, MD
- Brian Bachelder, MD
- Karl Bachman, MD
- Alton Ball, MD
- James Barnes, MD
- George Barnett, Jr., MD
- James Barr, MD
- Stephanie Benedict, MD
- Philip Berger, MD
- Shelley Blackburn, MD
- Roy Bontrager, MD
- Louis Bowman, DO
- Michael Brockett, MD
- Darrin Bright, MD
- Mario Brunicardi, MD
- Timothy Buchanan, MD
- Marian Bursten, MD
- Jennifer Carter, MD
- Marc Carroll, DO
- James Cassidy, MD
- Miriam Chan, PharmD
- Deborah Cole-Sedivy, DO
- Bradford Colegate, MD
- Matthew Cook, MD
- Steven Delaveris, MD
- Christopher Demas, MD
- Nino Diuillo, MD
- Doug Diorio, DO
- James Dunnan, MD
- Mary Elam, MD
- John Ellis, DO
- Arland Esch, DO
- Herbert Estis, MD
- Mary Fehskens, MD
- Robert Fitch, MD
- Jesse Frank, MD
- Tina Gabbard, MD
- William Gegas, MD
- Tina Gabbard, MD
- Joseph Linscott, DO
- Judy Lubbers, MD
- Charles Manfrasca, MD
- Sameep Maniar, MD
- Cheryl Mann, MD
- Stephen Markovich, MD
- Robert May, MD
- Andrew Gombash, DO
- Richard Gordon, MD
- Ted Grace, MD
- C. McCollan-Wilson, PhD
- Kenneth Miller, MD
- Roger Miller, MD
- Randy Mills, MD
- Ayse Hamoudi, MD
- Mina Mokhtari, MD
- Jeffrey Moledor, MD
- Michelle Morris, MD
- Alysia Herzog, MD
- Karen Morrison, MD
- Amy Myers, MD
- Dana Notching, MD
- Jeri O’Donnell, MSW
- Hosi Padaman, MD
- Nicholas Parkinson, MD
- Herbert Parsons, MD
- John Passias, MD
- Mark Piacentini, MD
- John Pierce, MD
- Robin Hunter, DC
- Christine Hudak, MD
- Kimberly Hooper, MD
- Dorothy Hamond, MD
- A. Zachary Place, MD
- Thomas Pommering, MD
- Ray Pongonis, DO
- John Passias, MD
- Michael Packard, MD
- Paul Kirk, MD
- Fredorika Karafa, MD
- Joseph Kears, MD
- Christopher Keller, DC
- Paul Leidheiser, Jr., MD
- Steven Leonard, MD
- Kenneth Leopold, MD
- Charles Kratz, MD
- Steven Leidheiser, Jr., MD
- Steven Leonard, MD
- Mary Elam, MD
- John Ellis, DO
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- Robert Fitch, MD
- Jesse Frank, MD

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**Department of Family Medicine**

**Annual Report 2005-06**
Clinical Instructors of Family Medicine

Emily Wright Arnold, LMT
Andrew Boyd, MD
Steven Brezny, MD
Mark Collins, MD
Lewis Coppel, MD
Diana Garber, MD
Ralph Gebhart, MD
Mary Gudmundson, MD
C. Terrill Hay, MD
Richard Hurt, MD
Laura Kunze
Patricia Martin, MD
Harry Nguyen, MD
Berit Nilsson
Jennifer Olejownik, MS
Oralea Pittman, RN
Steven Ross, MD
David Sestak, MD
Julia Sims
Susan Snyder
Nadiya Timperman, RD
Elizabeth Tuttle, MD
Matthew Vail, MD
Karl Valentine, MD

Adjunct Instructor
Terry Bahn, EdD

Clinical Instructors House Staff (Residents and Fellows)

Syed Afzal, MD
Nasra Ahmed, MD
Brandon Bell, MD
Narayan Bhetwal, MD
Kelley Clem, MD
Somil Gupta, MD
Jeff Hamilton, DO
Sabahat Iqbal, MD
Ahmed Jakda, MD
Almas Jakda
Ornaine Kobaisy, MD
Russlana Kurpita, MD
Paul Nanda, MD
Clifton Page, MD
Chintan Patel, MD
Kanishka Patel, MD
Jason Pirozzolo, MD
Reno Ravindran, MD
Christina Walker, MD
Bushra Wasil, MD

Adjunct Faculty Appointments

Biomedical Engineering
Tom Best, MD, Professor

Physical Therapy
Tom Best, MD, Professor

School of Allied Medical Professions
Larry Gabel, PhD, Professor

School of Public Health
Larry Gabel, PhD, Professor

Graduate School Faculty
Larry Gabel, PhD

John Glenn Institute for Public Service and Public Policy
Randy Wexler, MD, Affiliated Faculty

2005-06 Faculty Service and Faculty Administrative Positions

College of Medicine Committee Representation

Admissions Committee ................................................................. George Barnett, MD
................................................................. Leon McDougle, MD
................................................................. Linda Stone, MD
Cancer Prevention and Control Research ...................................... Larry Gabel, PhD
Center for Health Outcomes, Policy, and Evaluation Studies (HOPES) Larry Gabel, PhD
Clerkship Directors’ Committee .................................................... Holly Cronau, MD
Clinical Academic Standing Committee ........................................ Holly Cronau, MD
Clinical Dean-Associate ............................................................. Mary Jo Welker, MD
Clinical Professionalism Committee ............................................. Menish Rizer, MD
Continuing Medical Education Advisory Committee, Chair Patrick Fahey, MD
Council of Chairs ................................................................. Mary Jo Welker, MD
Diversity Council ................................................................. Leon McDougle, MD
Executive Curriculum Committee ............................................ Doug Knutson, MD
................................................................. Leon McDougle, MD
................................................................. Doug Post, PhD
Faculty Council ................................................................. W. Fred Miser, MD
Alternate Delegate ............................................................ Holly Cronau, MD
Faculty Development Steering Committee ................................ Doug Knutson, MD
Family Practice Interest Group Advisor ..................................... Holly Cronau, MD
................................................................. Linda Stone, MD
<table>
<thead>
<tr>
<th>Committee</th>
<th>Chair</th>
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<tbody>
<tr>
<td>Health Education Deans, Assistant Dean for Diversity and Cultural Affairs</td>
<td>Leon McDougle, MD</td>
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<tr>
<td>Health Education Deans, Associate Dean for Rural Medical Education</td>
<td>Randall Longenecker, MD</td>
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<td>Health Education Deans, Associate Dean for Student Affairs</td>
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<td>Health Sciences Education Committee</td>
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<td>ICM Committee</td>
<td>Doug Knutson, MD</td>
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<td>Instructions Working Group</td>
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<td>MD/PhD Minority Recruitment Committee</td>
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<td>Medical Alumni Society, Board of Governors</td>
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<td>Med III/IV Committee</td>
<td>Holly Cronau, MD</td>
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<td>Med III/IV Evaluation Task Force Committee</td>
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<td>OSCE Task Force</td>
<td>Holly Cronau, MD</td>
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<td>Patient Centered Medicine Committee, Chair</td>
<td>Edna Jones, MD</td>
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<td>Doug Knutson, MD</td>
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<td>Kendra McCamey, MD</td>
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<td>Suellwyn Stewart, MD</td>
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<td>Physician Development Committee, Chair</td>
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<td>Joseph Dusseau, MD</td>
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<td>Allison Macerollo, MD</td>
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<td>Doug Post, PhD</td>
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<td>Physician Development Student Review Committee</td>
<td>Allison Macerollo, MD</td>
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<td>Preclinical Academic Standing Committee, Chair</td>
<td>Doug Post, PhD</td>
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<td>Professionalism Council, Chair</td>
<td>Linda Stone, MD</td>
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<td>Project Professionalism, Advisor</td>
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<td>Roessler Medical Research</td>
<td>Larry Gabel, PhD</td>
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<td>Sports Medicine Interest Group, Advisor</td>
<td>James Borchers, MD</td>
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**Medical Center Committee Representation**

**The Ohio State University Hospitals**

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<tr>
<th>Committee</th>
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<tr>
<td>Access and Communications Committee</td>
<td>Mary Jo Welker, MD</td>
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<td>Randy Wexler, MD</td>
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<td>Ambulatory Electronic Medical Record Implementation Committee, Chair</td>
<td>Milisa Rizer, MD</td>
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<td>Jeff Milks, MD</td>
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<tr>
<td>Clinical Applications Committee; Electronic Discharge Instructions Working Group</td>
<td>John McConaghy, MD</td>
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<td>Clinical Patient Safety Committee</td>
<td>Milisa Rizer, MD</td>
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<td>Clinical Practice Guideline Policy Group</td>
<td>Patrick Fahey, MD</td>
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<td>Clinical Quality Management Policy Group</td>
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<td>Credentials Committee</td>
<td>Patrick Fahey, MD</td>
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<td>Diabetes Task Force for Center of Excellence</td>
<td>W. Fred Miser, MD</td>
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<td>Duty Hours Subcommittee</td>
<td>Doug Knutson, MD</td>
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<td>Emergency Preparedness/Physician Departmental Role Committee</td>
<td>W. Fred Miser, MD</td>
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<td>Ethics Committee</td>
<td>W. Fred Miser, MD</td>
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<td>Graduate Medical Education Committee</td>
<td>Doug Knutson, MD</td>
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<tr>
<td>Graduate Medical Education Interview Review: Internal Medicine-Hematology and Oncology</td>
<td>Jason Diehl, MD</td>
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<td>Health System Executive Committee</td>
<td>Mary Jo Welker, MD</td>
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<td>Health System Information Systems Steering Committee</td>
<td>Mary Jo Welker, MD</td>
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<td>Health System Monthly Council</td>
<td>Mary Jo Welker, MD</td>
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<td>Leadership Council for Clinical Value Enhancement</td>
<td>John McConaghy, MD</td>
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<td>Mary Jo Welker, MD</td>
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<td>Medical Center International Liaison</td>
<td>Larry Gabel, PhD</td>
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<td>Medical Staff Administration Committee</td>
<td>Mary Jo Welker, MD</td>
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<td>Medical Staff Officers Group</td>
<td>Patrick Fahey, MD</td>
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Department of Family Medicine
Annual Report 2005-06
Outcomes Measurement Committee................................................................. W. Fred Miser, MD
OSUP Physicians
  OSUP Board of Directors................................................................................ Mary Jo Welker, MD
  OSUP Executive Committee........................................................................... Mary Jo Welker, MD
  OSUP Treasurer.............................................................................................. Mary Jo Welker, MD
  OSUP Finance Committee, Chair................................................................. Mary Jo Welker, MD
  OSUP Pension Committee, Chair................................................................. Mary Jo Welker, MD
  OSUP Risk Management and Compliance Committee.............................. W. Fred Miser, MD
Personalized Health Care Steering Committee.............................................. W. Fred Miser, MD
Preventive Guidelines Committee................................................................... Randy Wexler, MD
Primary Care Network, Executive Director.................................................... Mary Jo Welker, MD
Primary Care Network, Quality Committee.................................................... John McConaghy, MD
  .................................................................................................................. Mary Jo Welker, MD
Primary Care Practice-Based Research Network, Director.......................... W. Fred Miser, MD
Quality Management Policy Group................................................................. John McConaghy, MD
Quality Management Policy Group................................................................ John McConaghy, MD
  OSUP Pension Committee, Chair................................................................ Mary Jo Welker, MD
  OSUP Finance Committee, Chair................................................................ Mary Jo Welker, MD
  OSUP Treasurer............................................................................................. Mary Jo Welker, MD
  OSUP Executive Committee......................................................................... Mary Jo Welker, MD
  OSUP Board of Directors............................................................................. Mary Jo Welker, MD
  OSUP Physicians.......................................................................................... Mary Jo Welker, MD
  OSUP Physicians.......................................................................................... Mary Jo Welker, MD
  OSUP Physicians.......................................................................................... Mary Jo Welker, MD
  OSUP Physicians.......................................................................................... Mary Jo Welker, MD
  OSUP Physicians.......................................................................................... Mary Jo Welker, MD
  OSUP Physicians.......................................................................................... Mary Jo Welker, MD
  OSUP Physicians.......................................................................................... Mary Jo Welker, MD
  OSUP Physicians.......................................................................................... Mary Jo Welker, MD
  OSUP Physicians.......................................................................................... Mary Jo Welker, MD
OSU East Hospital
Continuing Medical Education Committee................................................... Suellywn Stewart, MD
  .................................................................................................................... Allison Macerollo, MD
Electronic Discharge Instructions Working Group........................................... John McConaghy, MD
Board of OSU East.......................................................................................... Mary Jo Welker, MD
Medical Information Committee...................................................................... Allison Macerollo, MD
Medical Staff Executive Committee............................................................... John McConaghy, MD
  .................................................................................................................... Mary Jo Welker, MD
Peer Review Committee................................................................................... John McConaghy, MD
Physician Quality and Review Subcommittee................................................ John McConaghy, MD
Quality Management Committee, Chair......................................................... John McConaghy, MD
Mary Rutan Hospital Committee Representation
Bioethics Committee, Vice Chair................................................................. Randall Longenecker, MD
Graduate Education Committee..................................................................... Randall Longenecker, MD
Information Systems, Medical Staff Consultant............................................. Randall Longenecker, MD
Library Committee.......................................................................................... Randall Longenecker, MD
Medical Executive Committee........................................................................ Randall Longenecker, MD
Medical Staff Quality Committee, Chair....................................................... Randall Longenecker, MD
Department of Obstetrics, Medical Advisor................................................... Arland Esch, DO
Perinatal Clinical Practice Group, Chair......................................................... Randall Longenecker, MD
Quality Council.............................................................................................. Randall Longenecker, MD
Quality Council, Perinatal Division, Chair....................................................... Arland Esch, DO
Quality Monitoring Committee...................................................................... Randall Longenecker, MD
The Ohio State University Committee Representation
Biomedical Institutional Review Board, Vice Chair......................................... W. Fred Miser, MD
Faculty Council and Faculty Senate, Alternate................................................. W. Fred Miser, MD
Health Plan Steering Committee, Alternate.................................................... Glen Aukerman, MD
Healthcare Investment and Design Committee.............................................. Glen Aukerman, MD
Healthcare Visioning Project.......................................................................... Glen Aukerman, MD
Informatics Committee, OSU Managed Health Care Systems....................... Glen Aukerman, MD
Institutional Review Board Investigative Subcommittee.................................. W. Fred Miser, MD
Institutional Review Board Policy Committee............................................... W. Fred Miser, MD
Institutional Review Board Subcommittee Investigating Researcher Misconduct.. W. Fred Miser, MD
Metrics Subcommittee, The Ohio State University Plan for Health................... Glen Aukerman, MD
Steering Committee, The Ohio State University Plan for Health.................... Glen Aukerman, MD
National Level Committee Representation

American Academy of Family Physicians, Congress of Delegates ........................................ Linda Stone, MD
American Academy of Family Physicians Foundation, Board of Directors ......................... Mary Jo Welker, MD
American Board of Family Medicine, Methods in Medicine Module for Part IV of the Maintenance of Certification for Family Physicians (MC-FP) ............... W. Fred Miser, MD
American Academy of Family Physicians Political Action Committee, Treasurer .......... Randy Wexler, MD
American College of Sports Medicine ....................................................................................... Tom Best, MD
Board of Trustees for Basic and Applied Science ................................................................. Tom Best, MD
Program Committee .................................................................................................................. Tom Best, MD
Medical Education Committee ............................................................................................... Tom Best, MD
Strategic Planning Committee ............................................................................................... Tom Best, MD
Nominating Committee .......................................................................................................... Tom Best, MD
Research Review Committee ............................................................................................... Tom Best, MD
American Cancer Society, Delegate to National Assembly ................................................ Patrick Fahey, MD
American Medical Society for Sports Medicine Diversity Committee ................................. Jason Davenport, MD
Council of Medical Specialty Societies, Representative from the AAFP Board ................. Mary Jo Welker, MD
Gold Humanism Honor Society Executive Committee ....................................................... Linda Stone, MD
National Board of Medical Examiners/United States Medical Licensing Examination (USMLE) – Step 3 Computer-Based Case Simulation Committee ......................................................... W. Fred Miser, MD
National Comprehensive Cancer Network, Consultant ......................................................... W. Fred Miser, MD
National Rural Health Association, Executive Committee and Membership Chair ............ Randall Longenecker, MD
NIH Center for Population Health and Health Disparities, Communications Group ........ Doug Post, PhD
NIH Patient Navigator Research Program, Steering Committee Alternate ......................... Doug Post, PhD
Society of Teachers of Family Medicine, Chair, Group on Rural Health .............................. Randall Longenecker, MD

State Level Committee Representation

American Cancer Society, Ohio Division
Board, Vice President/President Elect ................................................................................. Patrick Fahey, MD
Executive Committee ............................................................................................................. Patrick Fahey, MD
Finance Committee ................................................................................................................ Patrick Fahey, MD
Board Development .............................................................................................................. Patrick Fahey, MD
Prevention/Early Detection Program Committee, Chair ...................................................... Patrick Fahey, MD
Ohio Academy of Family Physicians
Delegate to the American Academy of Family Physicians .................................................... Linda Stone, MD
Leadership Development Task Force, Past Chair ................................................................. Linda Stone, MD
Legislation and Advocacy Commission, Chair ..................................................................... Randall Wexler, MD
................................................................................................................................................ Patrick Fahey, MD
................................................................................................................................................ Linda Stone, MD
................................................................................................................................................ Mary Jo Welker, MD
National Action Committee .................................................................................................... Linda Stone, MD
................................................................................................................................................ Mary Jo Welker, MD
Obstetrics Liaison Practice Interest Commission ................................................................... Randall Longenecker, MD
Ohio Academy of Family Physicians Board of Directors ....................................................... Linda Stone, MD
................................................................................................................................................ Mary Jo Welker, MD
................................................................................................................................................ Randy Wexler, MD
Ohio Academy of Family Physicians Foundation, Past Chair ............................................... Linda Stone, MD
Ohio Academy of Family Physicians Department Chairs Committee ................................. Mary Jo Welker, MD
Ohio Academy of Family Physicians Practice Management Committee ............................ Mary Jo Welker, MD
Predoctoral Committee ........................................................................................................... Linda Stone, MD
Program Directors Committee .............................................................................................. Randall Longenecker, MD
Research Committee, Chair .................................................................................................... W. Fred Miser, MD
Student Interest Commission ................................................................................................. Randall Longenecker, MD
................................................................................................................................................ Linda Stone, MD
Women’s Constituency Representative .................................................................................... Suellywn Stewart, MD
Ohio State Medical Association
Columbus Medical Association Sports Medicine Committee ........................................ Jason Davenport, MD
Delegate from Columbus Medical Association ........................................................ Mary Jo Welker, MD
Delegate from the Ohio Academy of Family Physicians ........................................... Randy Wexler, MD
Medical Heritage Society Advisory Board ............................................................... Linda Stone, MD
Representative to Medicaid Formulary Committee ................................................ Mary Jo Welker, MD
President Logan County Medical Association and Alternate Delegate to OSMA ....... Randall Longenecker, MD
Legislative Task Force .............................................................................................. Randy Wexler, MD

Columbus Area Committee Representation
Central Ohio Academy of Family Physicians Board of Governors ....................... Mary Jo Welker, MD
Board of Directors ................................................................................................. W. Fred Miser, MD
................................................................. Linda Stone, MD
................................................................. Sueflynn Stewart, MD
Central Ohio Academy of Family Physicians Delegate ............................................ W. Fred Miser, MD
Children’s Hospital Family Practice Section Chief ................................................. Patrick Fahey, MD
Children’s Hospital Continuing Medical Education Committee ......................... Patrick Fahey, MD
Winners’ League Foundation, Project Advisory Board .......................................... Larry Gabel, PhD

Other Representation/Service
Anthem Insurance, Columbus Clinical Quality Committee .................................... Patrick Fahey, MD
Bureau of Workers Compensation, Consultant .................................................... Kenneth Saul, DO
Central Ohio Quality Assurance Utilization Review Forum ................................ Glen Aukerman, DO
Core Content Review of Family Medicine ............................................................. W. Fred Miser, MD
Consultant to Health Professions Program, Wheaton College ................................. W. Fred Miser, MD
Lake Erie College of Osteopathic Medicine, Professor of Primary Care Medicine ...... Larry Gabel, PhD
Lake Erie College of Osteopathic Medicine, Consultant to Provost and Vice President for Academic Affairs ............................................................ Larry Gabel, PhD
Medical Review Club ............................................................................................. Linda Stone, MD
................................................................. Mary Jo Welker, MD
National Space Biomedical Research Institute, External Advisory Committee .......... Tom McConaghy, MD
Nationwide Health Plans Credentialing Committee ................................................. Tom Best, MD
Nationwide Health Plans Medical Advisory Committee, Chair ............................. Glen Aukerman, MD
Nationwide Health Plans Quality Improvement Committee ................................... Glen Aukerman, MD
Nationwide Health Plans Physician Advisory Committee, Chair ............................. Glen Aukerman, MD
Nationwide Health Plans Technology Advisory Committee, Chair ...................... Glen Aukerman, MD
newMentor, San Francisco, Consultant to President and CEO ............................... Larry Gabel, PhD
Ohio KePRO, Health Care Quality Improvement Committee ............................... Glen Aukerman, MD
Ohio Department of Mental Health and Ohio Department of Alcohol and Drug University Linkages for Bioterrorism Preparedness Committee ......................... W. Fred Miser, MD
Ohio Physicians Loan Repayment Board ............................................................. Randy Wexler, MD
Regency Manor Rehabilitation, Medical Director .................................................... Kenneth Saul, DO
Team Physician, Marion Franklin High School ...................................................... Sueflynn Stewart, MD
Team Physician, The Ohio State University ......................................................... Tom Best, MD

Editorial/Review Positions
American Academy of Family Physicians Foundation Research Grant
Peer Review Panel ................................................................................................. Larry Gabel, PhD
................................................................. W. Fred Miser, MD
................................................................. Randy Wexler, MD
American College of Managed Care Medicine, Editorial Board ............................ Glen Aukerman, MD
American Family Physician, Reviewer .................................................................. Glen Aukerman, MD
................................................................. John McConaghy, MD
................................................................. W. Fred Miser, MD
................................................................. Randy Wexler, MD
Annals of Family Medicine, Reviewer .................................................................. Randall Longenecker, MD
................................................................. W. Fred Miser, MD
................................................................. John R. McConaghy, MD
................................................................. Doug Post, PhD
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<th>Journal and Role</th>
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<tbody>
<tr>
<td>British Medical Journal, Reviewer</td>
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<tr>
<td>British Medical Journal of Sports Medicine, Editorial Board Member</td>
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<tr>
<td>Canadian Institutes of Health Research, Reviewer</td>
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<tr>
<td>Clinical Journal of Sports Medicine, Senior Associate Editor</td>
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<tr>
<td>Clinical Supplement to Medicine and Science in Sports and Exercise, Editor</td>
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<td>Clinics in Office Practice, Editor</td>
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<td>Department of Health and Human Services Standing Grant Peer Review Panel</td>
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<td>Reviewer</td>
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<td>Family Practice Recertification Editorial Board</td>
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<td>Generalist in Medical Education Scientific Review Panel</td>
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<td>Journal of Clinical Outcomes Management, Reviewer</td>
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<td>Journal of Family Practice, Reviewer</td>
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<td>Journal of General Internal Medicine, Reviewer</td>
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<td>Journal of the National Medical Association, Reviewer</td>
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<td>Journal of Science and Medicine in Sport, Editorial Board Member</td>
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<td>Madigan Army Medical Center, Tacoma, WA, Faculty Development Fellowship</td>
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<td>Medicine and Science in Sports and Exercise, Assistant Editor</td>
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<td>National Center for Case Study Teaching in Science</td>
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<td>Ohio Academy of Family Physicians Scientific Meetings Peer Reviewer</td>
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<td>Orthopedic Research Society, Abstract Reviewer</td>
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<td>U.S. Army Research Institute of Environmental Medicine, Scientific Review Panel</td>
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<td>Larry Gabel, PhD, Chair</td>
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<td>AP&amp;T Committee</td>
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<td>Patrick Fahey, MD, Chair</td>
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<td>Glen Aukerman, MD</td>
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<td>Holly Cronau, MD</td>
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**Department of Family Medicine Committee Assignments**

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<tr>
<th>Committee Name</th>
<th>Chair</th>
<th>Co-Chair 1</th>
<th>Co-Chair 2</th>
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<tr>
<td>Academic Management Committee</td>
<td>Larry Gabel, PhD</td>
<td>Jason Diehl, MD</td>
<td>John McConaghy, MD</td>
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<td>Kate Balturshot, MD</td>
<td>Patrick Fahey, MD</td>
<td>Randy Wexler, MD</td>
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<td>Pam Dull, MD</td>
<td>Milisa Rizer, MD</td>
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<td>Doug Post, PhD</td>
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**Department of Family Medicine**

**Annual Report 2005-06**
Development

Development efforts have been increasing each year in the Department of Family Medicine. The 2005-06 academic year continued this trend. During the past year, six new development funds were established to support programs within the Department. While the Family Medicine Development Fund provides support for the Department’s general needs, the rest of our development funds provide support to specific programs including sports medicine, predoctoral education, occupational medicine, and integrative health. Donations to development funds allow immediate use of the gift to support current needs. Our development funds include:

- Family Medicine Development 303130
- Center of Integrative Medicine 311967
- MD Camp Initiative 311990
- Family Medicine Predoctoral Education Development Fund 312107
- Family Medicine Sports Medicine Development Fund 312110
- Family Medicine Residency Development Fund 312152
- Occupational Medicine in Family Medicine 312206
- Family Medicine Research Development Fund 312228

In addition to development funds, we also have numerous endowment funds that provide annual income based on interest earned. This past year the Department added the Crisafi-Monte Endowment Fund and the Lloyd L. and Ilma Dowell Family Medicine Fund, both of which were transferred from the College of Medicine. Income from the Crisafi-Monte Endowment Fund supports teaching, research, and scholarships in diseases of the heart, lungs, and related disorders. The Lloyd L. and Ilma Dowell Family Medicine Fund supports clinical research, teaching, and patient care activities related to heart disease and Alzheimer’s disease. Our endowment funds and present market value include:

- Crisafi-Monte Endowment Fund 601491 $1,353,429
- Dr. Peter and Alice Lancione Endowment Fund in Family Medicine 603922 66,740
- Thomas E. Rardin Family Practice Center Fund 605968 276,220
- Rural Family Medicine Endowment Fund 606222 80,402
- Urban Family Medicine Endowment Fund 607439 33,745
- Marie J. and Robert S. Young Fund in Family Medicine 607735 30,070
- Dr. J. Martin Byers, Jr. Memorial Fund in Family Medicine 641015 148,790
- Lloyd L. and Ilma Dowell Family Medicine Fund 641818 40,061
- Family Medicine Medical Student Education and Support Fund 642017 33,745
- Excellence in Family Medicine Fund 642075 34,532
- Family Medicine Residency Support Fund 642115 35,122
- Marianna H. and P. Tennyson Williams, MD. Endowment Fund 647715 34,532
- Glen F. Aukerman, MD Endowed Fund for Integrative Medicine 660100 49,838

In addition to these endowment funds, the following College of Medicine funds support family medicine.

- John J. Fahey Fund 602103
- Warner M. and Lora Kays Pomerene Chair in Medicine 605876
- Gordon P. and Alma E. Van Buskirk Memorial Scholarship Fund in Medicine 607444

Significant fund expenditures during the 2005-06 fiscal year were:
- Rardin Fund: Renovations at the Northwood and High Building, $2,110
- Byers Fund: Rural Health Scholars Program, $4,974
- Williams Fund: Fellowship support for Dr. Randy Wexler, $3,245
- Rural Fund: Rural Health education and training, $3,709
As well, the John J. Fahey Fund provided support for the purchase of new computers and the Warner M. and Lora Kays Pomerene Chair in Medicine supported Dr. Tom Best, Director of the Division of Sports Medicine, as Pomerene Chair.

Clinical Services

This was a year of change for the Clinical Services of the Department of Family Medicine. We instituted more consolidation and realignment of our sites to be in sync with the Ambulatory Strategic Plan for the OSU Medical Center. In March the decision was made that several of our offices would close – New Albany, Reynoldsburg, Victorian Village, and Downtown. For the most part physicians and staff were moved and absorbed into our other larger sites. Over the next year we will continue some consolidation of our Arlington and Bethel sites into one. The Medical Center has plans to form “hubs” in various places of growth in and around Central Ohio. The first “hub” is planned for the Gahanna area with a target date of November 2007 for opening. In general, the “hubs” will be multispecialty clinics which should include imaging and other subspecialty practices based on the community and the need. The hope is that the hub concept will make access to subspecialty care easier for our patients if it is on site in the community.

Clinical FTE’s: 34

New Physicians

We welcomed new doctors to our practice sites:
Tom Best, MD – joined our sport medicine physicians in July 2005
Eric Schaub, MD – joined our occupational medicine physicians in July 2005
Rupal Oza, MD – joined Victorian Village in August 2005
Anita Ndife, MD – joined Reynoldsburg in August 2005
Marian Giles, MD – joined the Center for Integrative Medicine in September 2005
Joan Simon, PhD – rejoined Rardin Family Practice in February 2006
Ray Pongonis, DO – joined our sports medicine physicians in April 2006

Some of the doctors moved between sites:
Scott Merryman, MD – moved from Worthington to Rardin
Kendra McCamey, MD – moved from Victorian Village to Arlington
Pam Dull, MD – moved from Rardin to Reynoldsburg and then to East
Mary Jo Welker, MD – moved from East to Rardin
Shalva Kakabadze, MD - moved from Reynoldsburg to East
Anita Ndife, MD - moved from Reynoldsburg to Gahanna
Maria Conroy, MD – moved from Reynoldsburg to Gahanna
Diane Manos, MD – moved from Rardin to the Center for Integrative Medicine
Glen Aukerman, MD – moved from Rardin to the Center for Integrative Medicine

Departing Physicians and Nurse Practitioners

Unfortunately, we also said goodbye to some very special people in the past year:
Mark Tzagournis, MD – left East and moved to California
Jennifer Barlow, CNP – left Gahanna and moved to Pennsylvania
Jeffrey Milks, MD – left New Albany for urgent care
Young Kang, MD – left Reynoldsburg and moved to Georgia
Mohammed Ahmed, MD – left Arlington for urgent care
Vernon Williams, MD – left OSU East for practice

Service

The inpatient service continued to be active this year at OSU East. The attending physicians on the inpatient service were: Drs. Kate Balturshot, Shalva Kakabadze, John Jonesco, Allison Macerollo, John McConaghy, Fred Miser, Mark Tzagournis, and Vernon Williams. The residents have learned a tremendous amount from this service.

<table>
<thead>
<tr>
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<th>OSU East</th>
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<tbody>
<tr>
<td>Admissions</td>
<td>1,169</td>
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<tr>
<td>Patient Days</td>
<td>4,664</td>
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Obstetrical Care
The majority of deliveries were preformed under the supervision of Obstetric Faculty at The Ohio State University Medical Center. Drs. Doug Knutson, John McConaghy, Leon McDougle, and Milisa Rizer provided the prenatal supervision. Drs. Tamara Gutierrez and Leon McDougle continued to provide some obstetrical care.

Our Present Sites

OSU Family Practice at Bethel Road
1727 Bethel Road
Columbus, OH 43220
Phone: 293-2614
Mimi Ghosh, MD
Charles Manfresca, DO
Eunice Oppenheim-Knudsen, MD
Hosi Padamadan, MD

OSU Family Practice at Reynoldsburg
7094 E. Main Street
Reynoldsburg, OH 43068
Phone: 293-2940
Riza Conroy, MD
Young Kang, MD
Pam Dull, MD
Anita Ndife, MD
Shalva Kakabadze, MD

OSU Family Practice at South High
1405 South High Street
Columbus, OH 43206
Phone: 293-3330
Suellywn Stewart, MD
Kelly Hall, MD

OSU Family Practice at New Albany
153 West Main Street
New Albany, OH 43054
Phone: 855-2015
Connie McCoy, DO
Jeffrey Milks, MD
Joel Wood, MD
Dee Fahey, RN
Deborah Milks, CNP

OSU Family Practice at Upper Arlington
1615 Fishinger Road
Columbus, OH 43221
Phone: 293-7417
Mohammad Ahmad, MD
Kathy Lappert, MD
Kendra McCamey, MD
John McConaghy, MD

OSU Center for Integrative Medicine
2000 Kenny Road
Columbus, OH 43221
Phone: 293-9777
Glen Aukerman, MD
Mariann Giles, MD
Diane Manos, MD

Rardin Family Practice Center
2231 N. High Street
Columbus, OH 43201
Phone: 293-2700
Kate Balturshot, MD
Milisa Rizer, MD
Rob Crane, MD
Joan Simon, PhD
Pam Dull, MD
Mary Jo Welker, MD
Pat Fahey, MD
Kate Gorges, CNP
Holly Cronau, MD
Chris Nyirati, PhD
Fred Miser, MD

OSU Family Practice Center
21 East State Street, Suite 250
Columbus, OH 43215
Phone: 232-1300
Jennifer Ellis, MD
Eunice Oppenheim-Knudsen, MD
Randy Wexler, MD

OSU Family Practice and Comprehensive Health - Downtown
21 East State Street, Suite 250
Columbus, OH 43215
Phone: 232-1300
Jennifer Ellis, MD
Eunice Oppenheim-Knudsen, MD
Randy Wexler, MD

OSU Family Practice at South High
1405 South High Street
Columbus, OH 43206
Phone: 293-3330
Suellywn Stewart, MD
Kelly Hall, MD

OSU Family Practice at National City
5935 Larimer Road
Columbus, OH 43228
Phone: 290-7417
Mahmoud Ahmad, MD
Kathy Lappert, MD
Kendra McCamey, MD
John McConaghy, MD

OSU Family Practice at Worthington
2000 Kenny Road
Columbus, OH 43221
Phone: 293-9777
Glen Aukerman, MD
Mariann Giles, MD
Diane Manos, MD

Department of Family Medicine
Annual Report 2005-06
**Occupational Medicine**
Over the past year we have been working with the occupational medicine physicians to develop a clinical strategic plan as well as an academic — research and education — plan for occupational medicine with the goal of helping them form a Division of Occupational Medicine within the Department of Family Medicine at The Ohio State University.

**Community Partnerships**

**Access Health Columbus**
We continued our partnership with Access Health Columbus to provide care to the indigent population, especially in South Columbus. Through a grant from that organization we were able to add physician time at the South High site. In addition, we have partnered with the College of Dentistry and the College of Optometry to provide those services at our South High office. This has been a significant addition to the patients of that community, meeting a need that was identified by them.

**Amethyst House**
Dr. Edna Marie Jones continued to provide services four half-days per week at Amethyst House, which is a drug and alcohol rehabilitation center for women and children. It is located on South High Street.

**Asian Health Initiative**
This continued to be a jointly sponsored program among the following entities: The Ohio State University Medical Center, The James Cancer Hospital and Solove Research Institute, Family Medicine Foundation, the Coalition for Asian American Health, the Asian American Community Services, the Asian American Community Service Council, and the Southeast Asian United Methodist Ministries of Central Ohio.

The Rardin Family Practice Center houses this initiative, which provides care one half-day per week for non-English speaking patients, primarily an indigent population. It functions as a free clinic with Dr. Cregg Ashcraft providing the clinical services.

**Columbus Free Clinic**
The Columbus Free Clinic continued to be housed in the Rardin Family Practice Center on Thursday evenings. This is a free clinic run by medical students of The Ohio State University and supervised by volunteer physicians from the community. Our faculty and residents provide supervision at least one week of the month.

**Latino Free Clinic**
This clinic was started in December 2000 and is a jointly sponsored program among the following entities: The Ohio State University Medical Center, the Latino Health Alliance, and Saint Vincent’s Family Services. The Rardin Family Practice Center houses this initiative, which provides care two half-days per month for Spanish-speaking patients, primarily an indigent population. It functions as a free clinic with Dr. Cregg Ashcraft serving as the medical director.

**Parkside**
Dr. Edna Marie Jones provided services and functioned as the medical director at Parkside, a drug and alcohol rehabilitation program.

**Westminster – Thurber**
The relationship between the Department of Family Medicine and Westminster-Thurber continues to flourish. Dr. Jeff Milks supervises family medicine residents and provides care for the geriatrics patients three afternoons per week.

**Goals for 2006-07**
- We will work to implement an electronic medical record; a contract has been signed with EPIC.
- We will continue to focus on quality improvement via chart reviews and targeted projects using the AAFP METRIC Program.
- We will continue to develop our integrative medicine services.
- We will work to institute a Division of Occupational Medicine in the Department of Family Medicine.
- We will continue to develop our lead physicians at each clinical site.
- We will be rebuilding our obstetrical services.
- We will continue the realignment and consolidation of our offices in collaboration with the Ambulatory Strategic Plan of The Ohio State University Medical Center.
Pre-doctoral

Patient Centered Medicine (PCM)

Family Medicine faculty continued to play an integral role in the Patient Centered Medicine (PCM) course. Dr. Doug Post is the Program Director; Dr. Tammy Gutierrez is the Associate Program Director; and several Family Medicine faculty serve as PCM Module Directors: Dr. Linda Stone for Professionalism and Professional Well-Being, Dr. Leon McDougle for Cultural Diversity, Dr. Vernon Williams for Spirituality, Dr. Edna Jones for Addiction, Dr. Glen Aukerman for Complementary/Alternative Medicine, and Dr. Doug Post for Behavioral Medicine. In addition, several faculty played a key role in the course as PCM small-group facilitators for the entire academic year: Drs. Milisa Rizer, John McConaghy, Janet Mason, Holly Cronau, Kendra McCamey, James Borchers, Maria Conroy, Kate Balturshot, Fred Miser, Vernon Williams, Suelllywn Stewart, Joe Dusseau, Tammy Gutierrez, Anna Petrova, Steve Brezny, and Julianne Brackin. During the 2005-06 academic year, several of the small-group cases developed by Drs. Post and Knutson were published by the National Center for Case Study Teaching in Science. The Center, directed by Dr. Kipp Herreid and funded by the National Science Foundation, is an excellent online resource for case-based teaching materials. The PCM course continues to be highly rated by the students. We believe our Family Medicine faculty are primarily responsible for its success.

Physician Development

Dr. Doug Knutson completed his third year as the Director of the two-year Physician Development Course. The course allows students to participate in their first clinical experiences. It has been designed to teach medical interviewing, doctor-patient relationship building, and physical examination. The curriculum involves small-group learning, preceptorships (using the apprenticeship model), and lecture-based teaching. Dr. Allison Macerollo served as the Associate Director of the course. Family physicians continue to play a crucial teaching role in this program, with community and faculty physicians helping to teach every course component.

Physician Development tutorials involve small-group teaching, and are used to teach doctor-patient relationship, physical examination, and advanced topics in clinical interviewing. In 2005-06, the following physicians led small groups: Drs. John Jonesco, Doug Knutson, Allison Macerollo, Stan McCloy, and Bushra Siddiqi. More than 100
students were hosted by Family Physicians for at least one of their three preceptorship experiences. The expertise of our Department’s clinicians provided these students with invaluable experiences.

Dr. Knutson was chosen by the Class of 2008 as the Physician Development Teacher of the Year for his involvement and teaching in the course.

**Med I**

Seventy-nine members of our faculty hosted Med I students for their preceptorship. Interviewing skills were emphasized.

**Summer Externship**

Our Summer Externship experience for students entering their Med II year included 11 students doing clinical experiences and 5 students involved in clinical research. Our clinical sites included inner-city and rural settings. The preceptors hosting students included: Drs. Michael Johnson, Bucyrus; Brian Bacherl, Mt. Gilead; Michael Woolery, Coshocton; Randy Largen, Bellefontaine; David Scoggin, Lancaster; John O’Handley, Bucyrus; Mount Carmel Columbus; Julie van Putten, Columbus Neighborhood Health Centers; Suelynn Stewart, OSU at South High; Glen Aukerman, OSU Integrative Medicine; and Drs. Cronau, Welker, and Balturhot at the Rardin Family Practice Center. Dr. Fred Miser involved students in clinically-based research, while Dr. Doug Post involved a student in various medical education research projects. The students presented at the Capstone Conference on their experiences and research findings. Student evaluations of the program remain very strong. Many thanks to the OAFP Foundation, AHEC, and Dr. Glen Aukerman for funding the majority of our clinical and research students.

**Med III/IV**

Two hundred ten third-year medical students completed the required Family Medicine rotation of the 12-week Ambulatory Clerkship. Didactics were held on Monday mornings with four additional lab experiences also offered. Lectures were presented by regular and auxiliary faculty including Drs. Cronau, Fahey, Post, Knutson, Vanderhoff, Skully, Gingrich, Hudak, Fitch, Herzog, Benedict, and Weigand, along with Mt. Carmel and Grant Family Practice residents. This rotation is highlighted by its clinical component, which uses preceptors representing a wide diversity of practices including: residency practices (for example Rardin Family Practice Center), rural, urban, suburban, and inner city. Family Medicine represents 4 weeks of the 12-week clerkship, with many students opting for a second month in Family Medicine during their selective month of this clerkship. Dr. Cronau serves as Clerkship Director for this 12-week, 5-department course.

Seventy-three students took advantage of our fourth-year Family Medicine offerings. Again, a wealth of diversity is available in our sub-internships and electives. Nine students pursued Honors projects this year, presenting their completed work at a year-end reception. The depth and breadth of these projects were outstanding. Students in other electives had the opportunity to experience practices ranging from Rural Obstetrics to research in locations as close as the OSU campus or as distant as across the U.S. and abroad. A large number of students were able to travel to international sites including: South America, Africa, North America (Mexico and Dominican Republic), and Asia. These students helped provide care to hundreds of patients who usually are without regular medical services.

**Family Practice Interest Group and the Family Medicine Leadership Development Program**

For the sixth consecutive year, the Family Practice Interest Group (FPIG) and the Family Medicine Leadership Development Program (FMLDP) won the American Academy of Family Physicians Program of Excellence Award that is given to the top 10 FMIGs in the nation. This year our program was chosen for its student leadership, its extensive infrastructure, its expanded programming, and for being a role model student program.

Our Family Medicine programming is driven by our Predoctoral Education Mission: To create the family of family physicians in the medical school environment. Students matching in Family Medicine this year were outstanding leaders in our many student-driven programs and were always striving for program excellence. We again matched students all over the nation in top-ranked residency programs. Often former FMLDP graduates return to participate in panels and programs for the FMLDP during subsequent years. The connection to residency programs continues to expand but is based on the strong foundation of our relationships with the residency programs here in Columbus and in Ohio. The support of local residency programs (Grant, Mount Carmel, OSU, and Riverside) has been instrumental in keeping our special events alive for successive classes of students.

The communications part of our programming continues to be strong with the quarterly newsletter receiving national attention through a display at the AAFP Resident and Student National Conference. The newsletter features advice articles regarding all four years of medical school written by medical students for medical students. The many programs of the FPIG and the FMLDP are covered in the newsletter keeping the students and faculty updated on the various activities that are Family Medicine focused. Faculty members continue to provide articles about patient care.
and about the specialty of Family Medicine. The Central Ohio Academy of Family Physicians provides ongoing financial support for our newsletter; their commitment to the newsletter encourages the students to continue this great resource. The website is being updated continuously, and the ‘flying pig’ bulletin board in the basement of Meiling Hall proclaims all coming events. The Editorial Board and Mr. Todd Bernstein have worked diligently this year to provide the best in FPIG and FMLDP communications.

The Family Medicine Mentorship Program entered its sixth year successfully matching medical students to family physician mentors, to medical students interested in family medicine, to rural and urban health programs, to leadership opportunities, and to research options. Again, Ohio family physicians were willing to commit their time and energy for this program. Several FMLDP graduates became mentors this year, while many of the Med III/IV students mentored younger students during the year. Our students continued in leadership positions in the Ohio Academy of Family Physicians and thus opened doors of leadership opportunities to many of our students through the OAFP Student Affairs Committee. The mentorship ‘cascade’ continues from practicing physicians and residents to our medical students and into the premedical arena. The Premedical Initiative had a very active year with programs for premedical students on the admissions process, research, stress management, advice, or applying to medical school and, of course, the medical student-premedical student mentorship program.

The FPIG leadership provided yet another outstanding year of meetings and workshops. The workshops, sponsored by all of the local residency programs, were very successful and introduced the procedural scope of practice available through Family Medicine. The FPIG Orientation pizza lunch always starts the year with the attendance this year exceeded 80 new students. Many of our students sign up for membership in the AAFP and OAFP at this meeting and at the College of Medicine’s Activities Fair. The fall picnic was in October this year and welcomed the newest students and also served as a reunion for returning FMLDP graduates. This annual event features lots of food, lots of fun, and the friendship inherent in the family of family physicians. Strolling Through the Match was a highlight of programming in the spring. Because of it success, the program may move to a collaboration between the FPIG and the Office of Student Affairs of the College of Medicine.

The many opportunities available to students going into Family Medicine were part of the expansion picture for the FPIG and the FMLDP. The Sports Medicine Interest Group continued with a strong year of participation in local sporting events with Drs. Wexler and Borchers contributing their time and talent to lead this enthusiastic group. Our students could be spotted on the sidelines for multiple events by their trademark shirts provided by the Department. The FPIG/FMLDP associated groups on Research and Legislative Action became very active this year. Students with an interest in research were guided in their research interest by Drs. Gabel, Wexler, and Miser through the Primary Care Research Institute. Dr. Wexler took the lead in working with students interested in legislative action and brought Congressman Pat Tiberi in to address the students concerning this vital area. Dr. McConaghy stepped forward to work with the fledgling Wilderness Medicine Group again proving that Family Medicine has no boundaries when it comes to serving our patients.

The community service component of the FPIG and the FMLDP continued to be central to our activities. Students took Tar Wars participation to new heights with many students and multiple schools involved, setting a high standard for the coming years. Students also continued their commitment to the Mount Carmel Outreach Program by joining the Mount Carmel Van that delivers healthcare to the homeless and underserved of the city of Columbus. Many students also served in the Physicians Free Clinic and the Columbus Free Clinic. The FMLDP did monthly service projects that collected food, clothing, toys, and school supplies for local organizations.

To provide leadership opportunities to students in the first two years of medical school, students again designed the Leadership Mini-Module for the Patient-Centered Medicine Curriculum. Scott Rogers was the key student leader; the mini-module was very well received. FPIG meetings gave other leadership opportunities to our students as well as programs through the OAFP and the Central Ohio Academy of Family Physicians.

The Finance Committee has continued to refine its structure to better serve the needs of the FPIG and the FMLDP. Through book sales, Strolling Through the Match, the Residency Connection, the sponsorship of the local residency programs, the sponsorship of the Central Ohio Academy of Family Physicians, the commitment of the Department of Family Medicine leadership and faculty, and the fund-raising abilities of this committee, we have successfully sponsored our many events and activities.

The FMLDP continues as the central portal for engagement of students in the third and fourth year of medical school. The program is now being copied elsewhere, so we must continue to be innovative to remain on the cutting edge of medical student interest programming. This year the student-designed program focused on the Future of Family Medicine project. Evenings varied from the use of technology in the practice of Family Medicine to the challenges of patients needing chronic care. It was great to see faculty and returning FMLDP graduates not only bring their expertise to these evenings but also to bring their enthusiasm for family medicine to the once-a-month gatherings. Individual members of the Department of Family Medicine sign up each fall to sponsor one of these evenings or to sponsor meetings for the FPIG/FMLDP leadership. This year we give our sincere thanks to Drs. Balturshot, Best, Fahey, Gabel, Knutson, Longenecker, Milks, Miser, Petri-Pickstone, Post, Stewart, Welker, and Wexler. Without this
support the program would not be as healthy as it is today. The evaluations of the program continue to be excellent. Many students indicate the key role the program plays in their decision to enter our specialty. The theme for the coming year focuses on international health and the vital role of family physicians.

The Family Medicine Honors Program began its fourth year with 10 students selecting this opportunity to further explore their interest in Family Medicine before beginning their Family Medicine residency program. Projects focused on personal and professional growth and included international health experiences, creating patient education materials, family medicine practice-based research, sports medicine education, and leadership development. The students in the first four years of this program have laid a foundation of projects that continues to challenge students to create projects that are innovative and inspiring. As the program enters its fifth year, the results will be presented at the 2007 STFM Predoctoral Conference. Evaluations of this program continue to be outstanding.

With FMLDP graduates in residency programs and practices across the country, we have reached a critical mass for the Residency Connection. Students interviewing in Family Medicine during the match cycle find they have connections from California to Rhode Island and from Florida to Michigan. Our database of graduates and our leadership library continue to expand to insure the connection among our students remains available to assist in the match, in career choices, and in practice opportunities. The assistance of local residency programs has been fundamental in building this program.

Our special events continue to remind us of the special nature of our specialty. The FPIG picnic began the year with lots of connections between medical students, residents, and faculty. The Match Day Celebration helped us highlight the wonderful students matching in Family Medicine and the Honors Reception put the spotlight on the amazing honors projects and the awards that cap the year for our students. The FMLDP cookout for family and friends of the FMLDP was held the night before graduation and was the family medicine introduction to a very special Convocation Day and Hooding Ceremony. This year the Department of Family Medicine Awards went to:

- The Tennyson Williams, MD Award for Humanism: Monique Ross
- The Pat Fahey, MD and Larry Gabel, PhD Award for Academic Excellence: Bryan Cairns
- The John Lombardo, MD Award for Community Service: Andrew Suchocki
- The Glen Aukerman, MD Award for Leadership: Kate Coleman and Sarah Boehmer Schwartz
- The Mary Jo Welker, MD Award for Professionalism: Nicola Fynn

The Ohio Academy of Family Physicians Foundation also honored several of our graduates this year. The students honored by the OAFP-F were:

- The Wilburn H. Weddington, MD Minority Medical Student Award: Jennifer Bigback and Monique Ross
- Thomas E. Rardin, MD Senior Student Award: Sarah Boehmer Schwartz

It has been another wonderful year for our students. We continue to be inspired by their enthusiasm for Family Medicine, their dedication to their patients, and their leadership abilities that continue to place us in the local, state, and national spotlight. Below is the listing of our Family Medicine Leadership Team for 2005-06:

**Family Medicine: Student Leadership Team**

**Family Medicine Leadership Development Program**
- **Co Chairs:** Med IV: Kate Coleman and Nicola Fynn  
  Med III: Ashlee Warren and Scott Rogers  
  Combined Degree Programs: Jared Miner
- **Vice Chairs Legislative Committee:** Eric Williamson, Andrew Suchocki, Domenico Pietropaolo, and Missy Cunningham
- **Vice Chairs Residency Connection:** Roy LeMaster and Laura Sorg
- **Vice Chairs The Other Half:** William and Amanda Lawhon
- **Resident Advisors:** Prengers, Rowlands, and Silvers
- **Vice Chairs Research:** Patrick White and Jared Miner

**Special Projects (Picnic, Honors Reception, Match Day Celebration)**
- **Vice Chairs:** Silpa Kilaru, Chiarra Thompson, Laura Distel, and Jennifer Bigback
- **Med II Officers:** Brigitte Beale, Rebecca Grant, and Cassandra Grenade

**Finance Committee**
- **Vice Chairs Finance:** Kathryn Dalton and Sarah Boehmer Schwartz
- **Treasurer:** Weiming Yan
Leadership Roundtable and Mini-Module/ Brown Bag Series
Med II: Carrie Cooper-Fenske
Advisor: Scott Rogers, Med III

Communication and FPIG Newsletter Editorial Board
Med IV: Erin Maynard
Med III: Mike Klatte and Rebecca Steiner
Med II: Doug Larson
Web Master: Doug Larson
Resident Advisor: Ryan Kauffman, MD

Premedical Initiative
Vice Chairs: Elise Sadoun, Lauren Morgan, Monique Ross, Laura Distel, and Nancy Judd
Med II: Launice Melbourne
Resident Advisor: Eric Prenger, MD

John D. White Scholarship Committee (in collaboration with OAFP Foundation)
Roberta Kern

Community Service
Med II: Kelly Jeppesen, Kate Kang, and Joe Simonetti
Tar Wars: Kelly Jeppesen and Joe Simonetti
Tar Wars Advisors: Erin Maynard and Rebecca Steiner
FMLDP Community Service Co-Chairs: Erin Prewitt, Katrina Kerns, Jennifer Bigback, Bryan Cairns, and Betsy Collins
Resident Advisor: Kelly Fleming, MD

Mentorship Program
FPIG Officers: Brigitte Beale and Rebecca Grant
Advisor: Laura Sorg

FPIG Meetings and Workshops
Meetings: Christina Stamoolis
Workshops: Jackie Coloe and Cassandra Grenade
FMLDP Advisor to Meetings and Workshops: Sangeeta Jain

Sports Medicine Interest Group
Med III: Jared Miner, Ashlee Warren, and Erin Prewitt
Advisors: Randy Wexler, MD and James Borchers, MD

Department of Family Medicine
Predoctoral Education Committee: Nicola Fynn, Katie Coleman, Jared Miner, Scott Rogers, and Sarah Boehner Schwartz
Family Medicine Strategic Planning Committee: Kate Coleman, Nicola Fynn, Scott Rogers, and Jared Miner
Family Medicine Development Committee: Kathryn Dalton

Organized Medicine
AAFP Liaison: Cassandra Grenade
OAFP Student Affairs Committee: Sarah Boehner Schwartz, Eric Williamson, Jackie Coloe, Cassandra Grenade, Doug Larson, Katie Coleman, Nicola Fynn, Monique Ross, Rebecca Grant, and Brigitte Beale
OSU COM Student Council: Laura Distel, Pogie Pongonis, Antonio LeBario, and Loren Martinez

Collaborations
AMSA Liaison: Betsy Collins

FPIG/FMLDP
Advisor: Linda Stone, MD
Family Medicine Residency

University (Core) Residency Program

Residency Administration

2005-06 was a time of growth for the residency. Dr. Doug Knutson provided leadership as Program Director with Drs. Kate Balturshot and Scott Merryman as Assistant Program Directors. While Dr. Leon McDougle chose to refocus his efforts and stepped back from his role as Associate Director of the Urban Program, Dr. Shalva Kakabadze joined the residency team as Assistant Director during the year. Dr. Joan Simon, with Dr. Scott Merryman, provided the behavioral science training for the residents. Ms. Holly Peterson continued to coordinate the residency program with the help of Ms. Donna K尼斯ley, Residency Program Assistant. Dr. Ahmed Jakda was the Chief Resident and did an outstanding job as leader and integral member of the residency team.

The following members of the Residency Committee provided direction and leadership:

Glen Aukerman, MD
Kate Balturshot, MD
Holly Cronau, MD
Pam Dull, MD
Pat Fahey, MD
Larry Gabel, PhD
Shalva Kakabadze, MD

Donna K尼斯ley
Doug Knutson, MD
Jennifer Lehman
Donald LeMay, DO
Randy Longenecker, MD
John McConaghy, MD
Leon McDougle, MD
Jeff Milks, MD

Fred Miser, MD
Holly Peterson
Milisa Rizer, MD
Joan Simon, PhD
Mark Tzagournis, MD
Mary Jo Welker, MD
Randy Wexler, MD
Vernon Williams, MD

Residents

The following residents joined our program in the 2005-06 academic year:

Syed Afzal, MD
Sarah Bonza, MD (R2)
Jeff Hamilton, DO (R2)
Almas Jakda, MD
Omaima Kobaisy, MD

Ruslana Kurpita, MD
Chintan Patel, MD
Kanishka Patel, MD
Reno Ravindran, MD
Bushra Wasil, MD (R2)

The following residents graduated from the Program in the 2005-06 academic year:

Harpreet Arora, MD
Christian Beskow, MD
Sabahat Iqbal, MD
Ahmed Jakda, MD
Clifton Page, MD

The Residency Graduation Dinner was held at the OSU Faculty Club on June 25, 2006 and included the graduating residents, their families, and significant others. All were honored for their accomplishments and contributions. Dr. Ahmed Jakda was commended for his outstanding performance and contributions as Chief Resident. There was also recognition through special awards:

Outstanding Intern of the Year
Tennyson Williams Family Medicine Resident of the Year
The Society of Teachers of Family Medicine Resident Teacher of the Year
Program Director’s “Resident of Excellence” Award
Ambassador Award
Dr. Bryan Beggin Community Service Award
Research and Scholarship Award
FP Faculty of the Year
FP Teacher of the Year
FP Urban Teacher of the Year
OSU Medical Center Teacher of the Year

Chintan Patel, MD and Kanishka Patel, MD
Christian Beskow, MD
Paul Nanda, MD and Clifton Page, MD
Christian Beskow, MD
Paul Nanda, MD
Harpreet Arora, MD
Christian Beskow, MD
John McConaghy, MD
Jeff Milks, MD
Allison Macerollo, MD
Mikhail Novikov, MD
Faculty
Active preceptors in the Family Medicine Centers included:

Kate Balturshot, MD  Shalva Kakabadze, MD  Jeff Milks, MD
Rob Crane, MD        Doug Knutson, MD    Benita Petri, MD
Jason Davenport, MD  Don LeMay, DO      Anna Petrova, MD
Pamela Dulf, MD      Allison Macerollo, MD Milisa Rizer, MD
Pat Fahey, MD        John McConaghy, MD  Vernon Williams, MD
Tammy Gutierrez, MD  Scott Merryman, MD  

Attendings on the Family Medicine Inpatient teams included:

Kate Balturshot, MD  Allison Macerollo, MD  W. Fred Miser, MD
John Jonesco, DO    John McConaghy, MD    Mark Tzagournis, MD
Shalva Kakabadze, MD Leon McDougle, MD      Vernon Williams, MD

The core Maternity Care Group consisted of Drs. Tammy Gutierrez, Doug Knutson, John McConaghy, Leon McDougle, and Milisa Rizer. Dr. Chris Nyirati, Certified Family Nurse Practitioner, continued to recruit and provide initial prenatal services to our pregnant patients and to coordinate the care of prenatal services with the residents.

Curriculum
The Wednesday afternoon didactic conference schedule continued to be refined and included several new initiatives. “PDQ” (psychiatry discussion and questions) was added, providing an intense, focused review of relevant psychiatric topics using a team learning format. Drs. Merryman and Simon offered the program twice monthly. “Clinical Correlations” were added to ensure practical application of the concepts learned in the Grand Rounds lectures.

Our residents continue to excel in scholarly activities. We held our 7th Annual Resident Research Symposium in April 2006. Senior resident presentations included:

Resident             Research Project
Harpreet Arora, MD   Physician Shortages in Rural Areas
Shefali Arora, MD    Small Volume Maternity Unit Medication Organization
Christian Beskow, MD Quality Indicators in Models of Operation
Sabahat Iqbal, MD   Urinary Incontinence: Prevalence in the Outpatient Setting
Ahmed Jakda, MD      Behavioral Treatment and Hypertension
Clifton Page, MD     Spirituality: Its Influence on Sports

Recruitment
Residency program recruitment continued to be a high priority. Ms. Holly Peterson and Dr. Kate Balturshot restructured the recruitment experience for applicants, providing a more personalized approach. The recruitment evaluations indicated that the new format was successful, and by all accounts this year’s recruitment was a success.

Dr. Sarah Bonza became the first resident to join the Academic Track. Sarah, a graduate of Ohio State’s College of Medicine, joined the program in January 2006 as a R2 and applied to the MPH program shortly thereafter. She was accepted and started classes in Summer 2006.

Rural Residency Program
The Ohio State University Rural Program and Mad River Family Practice have had a year of significant and positive change. It began with a grant-funded trip by the residents and Program Director to Vancouver, BC to attend the annual Family Centered Maternity Care Conference. As part of the first-year residents’ Immersion Month, this served as an excellent time for team building and establishing a positive tone for the remainder of the year.

Although Dr. Arland Esch, Assistant Program Director, resigned to assume a faculty position at Bethesda Family Practice Residency Program in Cincinnati, two new faculty physicians were recruited. Dr. John Wenger, a member of the private practice group affiliated as volunteer faculty under the Rural Program, will become the Assistant Rural Program Director beginning July 1, 2006. Dr. Ryan Johnson, the second faculty recruit, comes from rural practice in Muleshoe, TX, and brings special skills in obstetrics and endoscopy, increasing to three the number of family physician faculty in the program.
Following a successful match last year, the Rural Program again recruited two excellent students, Carolyn Hardesty of Case Western Reserve School of Medicine and Leesa McCauley of Indiana University School of Medicine. As the first “2-2-2” integrated rural training track of its nature in the nation, and after six years as a traditional “1-2” RTT, the program graduated its first three-year resident, Dr. Harpreet Arora on June 30, 2006.

Our increasing recognition among medical student applicants is demonstrated by the level of inquiry and number of applications from rural-interested students from around the nation. The program continues to enjoy continuity in the program faculty, excellent support from our community hospital administration and other community leaders, and increasing opportunities for advocacy in rural medical education and rural health regionally and nationally.

Teaching and Curriculum Development
The program continued to refine the “2-2-2” rural training track model, including the implementation of a Hospital Care rotation at Mary Rutan Hospital for five months out of the first postgraduate year. This innovative longitudinal experience in hospital-based practice, from ED to OR to ICU to L&D, prepares residents for the generalist task of practice across hospital environments.

Predoctoral Education
- Summer 2006 Externship – Kirsten McNamara, Med II OSU COM
- Ambulatory Clerkship – Kate Dalton, Med III OSU COM; Austin Gillette, Med III OSU COM; Amy Johnson, Med III OSU COM; Scott Rogers, Med III OSU COM; Laura Sorg, Med III OSU COM; and Jessica Stern, Med III OSU COM
- Sub-internship in FM – Sarah Boehmer, Med IV OSU COM
- Rural Health Scholars Retreat, “Understanding Poverty and Promoting Health in Rural Practice,” October 2005 – 15 students from OSU College of Medicine, NEOUCOM, and Case Western Reserve School of Medicine, including the 4 students who, with Dr. Longenecker, attended the National Rural Health Association Annual Meeting in Reno, NV, May 2006
- Initiation of a Clinical Bulletin Board with students on rural and remote rotations with the University of Queensland, Australia – a self-organizing online curriculum in rural medicine with an international twist

Residency Education
- Periodic presentations by rural faculty via videoconference, including a series on Bioethics in Practice
- Ongoing refinement of the “reflective practice” model of residency education, including the use of videotaping and Clinical Jazz (case-based sessions focused on the doctor-patient relationship)
- Resident physicians for 2005-06:
  R1 – Penny Baker, MD and Amy Gust, MD
  R2 – Shefali Arora, MD
  R3 – Harpreet Arora, MD

Inter-professional Education
- Teaching within the Ohio State University College of Nursing Family Nurse Practitioner program, including precepting nurse practitioner students at Mad River Family Practice, and an annual joint presentation around collaborative practice both in the Rural Program and at the Ohio State College of Nursing

Faculty Development
Dr. Randall Longenecker
- Family Centered Maternity Care Conference, Vancouver, BC, July 2005
- Society of Teachers of Family Medicine Predoctoral Conference, Charleston, SC, February 2006
- Society of Teachers of Family Medicine Annual Conference, San Francisco, CA, April 2006
- National Rural Health Association Annual Meeting, Reno, NV, May 2006

Ms. Tara Wagner
- RAP Workshop, Kansas City, MO, April 2006

Recruitment
Implementation of the “2-2-2” option has seemed to spur interest in the Rural Program in spite of a continuing downward trend in student interest in Family Medicine among graduates of U.S. medical schools. This year, for the second year in a row, the Rural Program filled both R1 positions in the national residency match program with excellent candidates.
Medical Staff Leadership
Dr. Arland Esch
• Medical Advisor, Department of Obstetrics
• Chair, Perinatal Division of the Quality Council of Mary Rutan Hospital

Dr. Randall Longenecker
• President, Logan County Medical Society
• Chair of Perinatal Clinical Practice Group and member of Medical Executive Committee, Mary Rutan Hospital Medical Staff
• Vice Chair of Bioethics Committee, Mary Rutan Hospital

State and National Leadership
Dr. Randall Longenecker
• Member of the OAFP Student Interest Commission
• Member of the Executive Committee and Membership Chair of the Rural Medical Educators, a special interest group of the National Rural Health Association
• Chair, Group on Rural Health, Society of Teachers of Family Medicine
• Informal consultant to Office of Rural Health Policy, NRHA as a national expert in rural graduate medical education

Ms. Tara Wagner
• President-Elect of the National Association of Family Medicine Administrators

Future Directions and Challenges
The Rural Program appears to have reached a pivotal point with inertia growing in student interest, in the number of residents, in the breadth of faculty expertise, and in regional and national impact. During the upcoming 2006-07 academic year, several initiatives have the potential to add further momentum – further development of international interchanges with medical students and faculty in Australia and in Japan, implementation of an AHEC grant for the purpose of Amish group prenatal visits, and development of a full portfolio system of resident and faculty evaluation and professional development.

The financial challenges created by decreasing governmental and academic institutional support for rural medical education persist. Fortunately, the Mary Rutan Hospital Administration and the Board of Trustees remain strongly supportive. The challenges created by the transition among faculty and an increase in resident complement are welcome ones and almost certainly will propel the program toward even greater success.

Urban Residency Program
The Ohio State Urban Program at OSU East, under development since 2001, got off to a great start on July 1, 2003. This program was developed as part of a federal training grant project to develop the Four-Track University-Anchored, Community-Oriented Family Practice Residency to educate residents committed to providing health services and leadership in multicultural, lower-socioeconomic communities and populations. The major focus of this program is to practice primary care medicine in empowerment zone communities and primary care health professional shortage areas of urban Columbus. Dr. Clifton Page, June 2006 graduate, subsequently began his sports medicine fellowship at The Ohio State University. He continues to care for family medicine outpatients at the Urban Residency Program site. In addition, Dr. Sarah Bonza, R2, joined the Urban Residency and began the Academic Track. Dr. Bonza enrolled in the OSU School of Public Health and plans to earn a Master of Public Health degree while completing her urban family medicine residency training. Dr. Bonza received the 2006 AAFP/Bristol-Myers Squibb Award for Excellence in Graduate Medical Education! She is one of only 20 national recipients, selected on the basis of exceptional residency performance, exemplary patient care and demonstrated leadership.

The Urban Residency Program provides prenatal care and actively participates in the Pregnancy Care Connection program (PCC) by providing prenatal, delivery, and post-delivery service for two new under/uninsured pregnant patients per week.

Residents
R1
Shweto Rao, MD

R2
Nasra Ahmed, MD
Sarah Bonza, MD

R3
Bushra Wasil, MD
**Faculty**

Dr. Pam Dull joined the urban faculty in summer 2006 and serves as coordinator of resident CME.
Dr. Shalva Kakabadze joined the urban faculty in June 2006 and serves as Assistant Director of the Urban Family Medicine Residency. He is fluent in Russian and serves the large Russian immigrant population of central Ohio.
Dr. Allison Macerollo joined the urban faculty in August 2003. She is fluent in Spanish.
Dr. Leon McDougle serves as the Assistant Dean for Diversity and Cultural Affairs for the OSU College of Medicine and focuses on obstetrics and translational research in urban communities.
Dr. Chris Nyirati, FNP, serves as the Obstetrical Coordinator for the Urban and Main Family Medicine Residency Programs.

**Sports Medicine**

The Division of Sports Medicine is an active element of the Department of Family Medicine regarding its three-part mission of clinical practice, research, and education. All faculty contribute to all parts of the mission and are engaged in both clinical care and scholarly activity.

**Research**

Research is an important part of the mission of both the Division of Sports Medicine and the Department of Family Medicine. Faculty participate as PIs and investigators on studies within the Division as well as collaborating with Orthopedics and other departments within the College of Medicine, and other colleges across the campus in an interdisciplinary manner. Faculty regularly travel to regional and national meetings to present their research as well as participate on discussant panels on a wide variety of Sports Medicine topics.

**Medical Student Education**

The Division of Sports Medicine is dedicated to the education of medical students through a Med IV elective rotation. Medical students work one-on-one with a faculty member of the Division in the clinical setting. They are exposed to many areas integral to Sports Medicine during their rotation including team event coverage at Ohio State. The students regularly participate in sports medicine conferences, Grand Rounds, and dedicated medical student didactic sessions. The elective rotation has been expanded from one to six sessions for the 2006-07 academic year. Thirteen students completed the rotation in 2005-06, and 17 students are scheduled for the elective in 2006-07.

**Resident Education**

The Division of Sports Medicine supports the mission of resident education within the Department of Family Medicine. An elective is available for R2 residents with an interest in Sports Medicine. A third-year rotation in Sports Medicine is required of all R3 residents in the Department and is completed at the OSU Sports Medicine Center. Regardless of whether the rotation is elective or required, the residents are actively involved with conferences and Grand Rounds during the rotation. Faculty members of the Division also provide resident education via workshops and lectures through the Ohio State Family Medicine Residency Program.

**Fellowship**

The Division of Sports Medicine is dedicated to advanced education in Sports Medicine by offering a one-year Fellowship in Sports Medicine leading to eligibility to complete the Certificate of Added Qualifications (CAQ) in Sports Medicine. The program currently accepts two fellows per year. The fellowship is accredited by the ACGME; fellows are expected to pass the CAQ exam once their fellowship is completed.

**Clinical Programs**

**OSU Sports Medicine Center** – This multidisciplinary center offers family medicine, orthopedics, physical therapy, and psychological and nutritional counseling services by individuals who understand and are experienced in dealing with competitive and recreational athletes. This expertise is applied to patients who are physically active or wish to embark on a healthier lifestyle. The Department of Family Medicine is a partner with the Department of Orthopedic Surgery and OSU Medical Center in the OSU Sports Medicine Center.

**Athletic Team Coverage**

The Division of Sports Medicine provides care for all 36 varsity sports at The Ohio State University. Faculty members of the Division provide comprehensive care for all athletes at Ohio State along with event coverage for the entire Athletic Department.
High school coverage is also a priority of the Division of Sports Medicine. Faculty and fellows of the Division provide care for many local high schools and for state tournaments for the Ohio High School Athletic Association. A significant amount of time is dedicated to the care of student athletes from the Columbus Public Schools.

Multiple community events are also covered by the faculty and fellows of the Division. Resident and student involvement in encouraged.

**Faculty**

Tom Best, MD, PhD, FACSM, Professor of Family Medicine and Pomerene Chair, Division of Sports Medicine, Team Physician, OSU Athletic Department

James Borchers, MD, Assistant Professor of Clinical Family Medicine, Division of Sports Medicine, Team Physician, OSU Athletic Department

Jason Davenport, MD, Clinical Assistant Professor of Family Medicine, Division of Sports Medicine, Team Physician, OSU Athletic Department

Jason Diehl, MD, Assistant Professor of Clinical Family Medicine, Division of Sports Medicine, Team Physician, OSU Athletic Department

Donald LeMay, DO, Assistant Professor of Clinical Family Medicine, Division of Sports Medicine, Team Physician, OSU Athletic Department

Kendra McCamey, MD, Clinical Assistant Professor of Family Medicine, Division of Sports Medicine, Team Physician, OSU Athletic Department

Ray Pongonis, DO, Clinical Assistant Professor of Family Medicine, Division of Sports Medicine, Team Physician, OSU Athletic Department

**Fellows**

Kelley Clem, MD
Jason Pirozzolo, MD

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**Center for Integrative Medicine**

The Center for Integrative Medicine is a unique medical practice center that combines the best of integrative family medicine with evidence-based complementary/alternative medical modalities. The Center is located at 2000 Kenny Road in a 6,400 square foot facility. The Center is part of OSU Medical Center’s Primary Care Network. Dr. Glen Aukerman serves as Medical Director. He is also the Director of the Division of Integrative Medicine in the Department of Family Medicine.

The Ohio State University Center for Integrative Medicine (OSU CIM) celebrated its one-year anniversary on March 2, 2006. The event was attended by OSU CIM providers and staff, their families, members of the Primary Care Network administration, and members of the newly formed OSU CIM Foundation Development Group. The OSU CIM has been gaining tremendous community support, receiving donations in excess of $20,000 with plans for future strategic planning and development funding.

The OSU CIM also encourages volunteerism. Currently, the OSU CIM has seven active volunteers and a Community Foundation Development Group of over 60 members. Plans are to develop volunteer-led support groups and a Patient Resource Center staffed by volunteers.

The OSU CIM allows students pursuing degrees in medicine and related healthcare professions opportunities to study integrative medicine’s role in their anticipated specialty of choice. The OSU CIM provides educational sessions for medical students, nurse practitioners, dietetics students, departmental grand rounds presentations, rotation and shadowing opportunities for Med I through Med IV students, as well as residents from departments such as Family Medicine, Internal Medicine, Psychiatry, and Dermatology. The OSU CIM also provides unique informational and shadowing opportunities to local physicians (to date, has included physicians from the following specialty areas: Dermatology, Emergency Medicine, Endocrinology, Neurology, and Psychiatry) and nurse practitioners from the community.

The OSU CIM has presented on Integrative Medicine through didactics; Grand Rounds; special meetings for Family Medicine Residency, Internal Medicine, University Hospital East, and the James, as well as courses for medical, nursing, and allied health students. From July 2005 to June 2006, over 90 presentations were conducted by OSU
CIM providers at regional and national conferences, for community groups and local and network hospitals, and through the OSU CIM Community Series. The OSU CIM Community Series includes regular community education workshops on a variety of topics including yoga, meditation, integrative medicine, acupuncture, chiropractic, nutrition, massage, and Ayurveda. Attendance has increased with a range of four to 52 participants for most sessions. The OSU CIM was represented nationally at the June 2006 American Holistic Medical Association Annual Conference.

The OSU CIM has been asked to consult with hospital systems interested in developing Integrative Medical practices including Michigan State University, University of Texas Medical Branch, and Catawba Hospital in North Carolina. In addition the OSU CIM has worked with several affiliated community hospitals on Integrative Medicine issues through the OSU Outreach Department, including Cambridge Community Hospital, Bucyrus Community Hospital, Ashland Community Hospital, and Wyandot Memorial Hospital.

From July 2005 to June 2006, the OSU CIM saw 15,391 patients and generated $1,684,612 in total revenue. Patients seen included individuals from Columbus and central Ohio, plus a number who regularly travel from other states such as Arizona, New Mexico, California, Georgia, Florida, Tennessee, West Virginia, Maryland, DC, Pennsylvania, Texas, Connecticut, Kentucky, Illinois, Virginia, and from other countries including Germany and China.

Practitioners, as of June 30, 2006, at the Ohio State Center for Integrative Medicine include:

<table>
<thead>
<tr>
<th>Specialty</th>
<th>Practitioners</th>
</tr>
</thead>
<tbody>
<tr>
<td>Integrative Family Medicine</td>
<td>Glen Aukerman, MD&lt;br&gt;Diane Manos, MD&lt;br&gt;Mariann Giles, MD</td>
</tr>
<tr>
<td>Ayurveda</td>
<td>Hari Sharma, MD</td>
</tr>
<tr>
<td>TCM/Acupuncture</td>
<td>David Wang, RAc&lt;br&gt;Hailing Zhang, RAc</td>
</tr>
<tr>
<td>Chiropractic</td>
<td>Robin Hunter, DC&lt;br&gt;John Grandominico, DC</td>
</tr>
<tr>
<td>Massage Therapy</td>
<td>Rhonda Crockett, LMT&lt;br&gt;Berit Nilsson, LMT&lt;br&gt;Jean LaPolla, LMT</td>
</tr>
<tr>
<td>Yoga</td>
<td>Maryanna Klatt, PhD&lt;br&gt;Julia McSheffery, RYT&lt;br&gt;Jennifer Olejownik, MS, RYT</td>
</tr>
<tr>
<td>Mind-Body</td>
<td>Karl Bachman, PhD&lt;br&gt;Laura Kunze, MAET, ATR-BC, LCDCIII</td>
</tr>
</tbody>
</table>

The OSU CIM has attracted national and international attention, with phone and e-mail inquiries from around the world plus numerous radio, TV, and print interviews including the Northwest Airlines Inflight Magazine, WOSU radio, ONN, Channel Six News, Columbus CEO magazine, Columbus Monthly Magazine, Columbus Dispatch, Ohio State Alumni Magazine, the Medical Center newsletter, and Keystone (newsletter of the OSUMC Service Board), and Health (a publication of the OSUMC).

Research and Scholarship

The Ohio State University Department of Family Medicine continued its march toward achieving its 2010 goal of being a nationally recognized leader in the area of research and scholarship. The faculty reaffirmed this goal during a strategic planning session, stating the desire to be in the top 10% of Departments of Family Medicine in terms of research funding, number of national presentations, and number of publications in peer-reviewed journals. The faculty also committed to aligning their efforts with the Medical Center’s six Signature Programs: cancer, cardiovascular, critical care, imaging, neurosciences, and transplant. This commitment is particularly important given the challenge of decreasing availability of Title VII and NIH funding to researchers.

Joining the research team in July 2005 was Dr. Tom Best, a highly talented researcher, family physician, and sports medicine physician. Actively recruited to our Department, he was appointed Professor and Pomerene Chair, and Co-
Medical Director of the OSU Sports Medicine Center. He brought with him several funded projects. Drs. Larry Gabel and W. Fred Miser continued to lead the Department's monthly Research Forum, an avenue for researchers within the Department to share ideas and encourage each other in their activities. They also led the Department's strategic planning efforts in research and scholarship. Ms. Jennifer Lehman, Clinical Studies Coordinator, had a busy year helping establish the Ohio State Primary Care Practice-Based Research Network and working with the Family Medicine residents as they pursued their scholarly activities. She was also instrumental in recruiting several OSU undergraduate students to assist the Department in research activities. Dr. Randy Wexler completed a one-year fellowship of the Grant-Generating Project. This project seeks to equip family medicine researchers with the skills they need to successfully develop and submit grants for research funding. Dr. Doug Post continued work on his two NIH-funded projects, while Dr. Leon McDougle continued to pursue funding in areas related to health disparities and cultural competency. Finally, Drs. W. Fred Miser and Pat Fahey increased the number of pharmaceutical-sponsored clinical trials performed within the Department.

**Ohio State Primary Care Research Institute**

The Ohio State University Primary Care Research Institute (PCRI) completed its sixth year of consecutive funding. Under the direction of Drs. Larry Gabel and Mary Jo Welker, with Mr. Todd Bernstein as Administrative Associate, the mission of PCRI is to foster, facilitate, and report collaborative, interdisciplinary research directed toward optimizing peoples' health. Over the years, PCRI has brought family practice researchers together with researchers from other disciplines, and has been instrumental in the success our Department has enjoyed thus far. A goal for this last year was to develop and enhance the Ohio State Primary Care Practice-Based Research Network, described below. More information about PCRI can be found at [www.pcri.osu.edu](http://www.pcri.osu.edu).

The table below summarizes key measures related to research across the last three years of PCRI, which has a Department of Family Medicine faculty member as principal or co-investigator.

| Department of Family Medicine Faculty Members’ Research and Scholarship: 2003 – 2005* |
|-----------------------------------------------|-----------------|-----------------|-----------------|
| Status                                          | Number | Total $    | Number | Total $    | Number | Total $    |
| Research Projects in Development                | 11     | –          | 15     | –          | 9      | –          |
| Prospectus Submitted                             | 4      | 400,000    | 1      | 411,125    | 0      | –          |
| Research Applications:                           |        |            |        |            |        |            |
| In Review                                       | 10     | 8,242,061  | 22     | 17,020,686 | 9      | 9,182,632  |
| Reviewed; Not Funded                            | 2      | 275,000    | 2      | 3,605,866  | 7      | 3,621,460  |
| Preparing Resubmission                          | 3      | 478,010    | 5      | 4,545,506  | 4      | 915,200    |
| Research Projects in Progress Funded**          | 13     | 9,748,325  | 26     | 12,078,885 | 22     | 4,294,311  |

*Projects on which departmental faculty members participated as PI, Co-PI, or Investigator.

** Each Research Project Award is entered only once, i.e., for the year in which the award was made.

**Ohio State University Primary Care Practice-Based Research Network**

Great strides were made this year as the Ohio State University Primary Care Practice-Based Research Network (OSU-PCBRN) was firmly established. A PRBN is a collaborative of primary care clinicians and practices working together to answer community-based health care questions and translate research findings into practice. The OSU-PCBRN Executive Committee, consisting of Drs. Larry Gabel and W. Fred Miser, and Ms. Jennifer Lehman from the Department of Family Medicine; Dr. Kelly Kelleher, Director of Clinical Sciences at Columbus Children's Hospital; Dr. Julia vanPutten, Medical Director of the Columbus Neighborhood Health Centers (CNHC); and Dr. Geetu Melwani from the Permedion Corporation, met twice a month over the year to develop the operational research network. Through their efforts, the OSU-PCBRN became an official member of the Agency for Healthcare Research and Quality (AHRQ) PBRN registry. Drs. Gabel and Miser were able to establish the CNHC practices as research performance sites under the purview of the OSU Biomedical Institutional Review Board (IRB).

To meet the challenge of the decrease in number of family practice sites within the OSU Primary Care Network, Drs. Gabel, Miser, and Welker began a dialogue with the other family practice residencies in Columbus, with the intent to eventually include them as part of the OSU-PCBRN. Currently, the OSU-PCBRN consists of ten clinical practice sites of the OSU Primary Care Network, nine Close-to-Home Health Centers of the Columbus Children’s Hospital, and five practices of the Columbus Neighborhood Health Center, Inc. These 24 practices with 107 primary care physicians represent a diverse patient population that provides care to over 106,000 patients a year. A summary of the practice characteristics, patient demographics, and top diagnoses are found in the following two tables. Obviously, the OSU-PCBRN has immense potential to perform high quality research that will make a difference for our patients. Major studies are already ongoing within this network, to include two NIH-funded studies conducted by Dr. Doug Post.
### Practice Characteristics and Patient Demographics of OSU-PCPBRN (2005)

<table>
<thead>
<tr>
<th>Practice Characteristics</th>
<th>The OSU Primary Care Network</th>
<th>Columbus Neighborhood Health Centers</th>
<th>Children's Close to Home Centers</th>
<th>All Sites OSU-PC PBRN</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. Practice sites</td>
<td>10</td>
<td>5</td>
<td>9</td>
<td>24</td>
</tr>
<tr>
<td>No. Unique patients</td>
<td>51,052</td>
<td>11,977</td>
<td>43,460</td>
<td>106,489</td>
</tr>
<tr>
<td>No. Annual visits</td>
<td>146,409</td>
<td>54,884</td>
<td>106,529</td>
<td>307,822</td>
</tr>
<tr>
<td>No. Providers (MD/DO)</td>
<td>58</td>
<td>9</td>
<td>40</td>
<td>107</td>
</tr>
<tr>
<td>Patient Mean Age (years)</td>
<td>43.2</td>
<td>57.1</td>
<td>7.0</td>
<td>35.8</td>
</tr>
</tbody>
</table>

#### Age Distribution (years)

<table>
<thead>
<tr>
<th>Age Group</th>
<th>The OSU Primary Care Network</th>
<th>Columbus Neighborhood Health Centers</th>
<th>Children’s Close to Home Centers</th>
<th>All Sites OSU-PC PBRN</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 – 10</td>
<td>5.0%</td>
<td>1.2%</td>
<td>79.1%</td>
<td>28.4%</td>
</tr>
<tr>
<td>11 – 17</td>
<td>3.5%</td>
<td>1.7%</td>
<td>12.1%</td>
<td>5.8%</td>
</tr>
<tr>
<td>18 – 30</td>
<td>20.6%</td>
<td>10.3%</td>
<td>2.9%</td>
<td>11.3%</td>
</tr>
<tr>
<td>31 – 40</td>
<td>17.8%</td>
<td>12.1%</td>
<td>1.8%</td>
<td>10.5%</td>
</tr>
<tr>
<td>41 – 50</td>
<td>18.8%</td>
<td>13.3%</td>
<td>2.1%</td>
<td>11.4%</td>
</tr>
<tr>
<td>51 – 60</td>
<td>17.4%</td>
<td>13.7%</td>
<td>1.6%</td>
<td>10.9%</td>
</tr>
<tr>
<td>61 – 70</td>
<td>9.1%</td>
<td>20.9%</td>
<td>0.5%</td>
<td>10.2%</td>
</tr>
<tr>
<td>71 – 80</td>
<td>5.0%</td>
<td>11.8%</td>
<td>0.1%</td>
<td>5.6%</td>
</tr>
<tr>
<td>≥ 81</td>
<td>2.6%</td>
<td>14.9%</td>
<td>0.0%</td>
<td>5.9%</td>
</tr>
</tbody>
</table>

**Female Gender**

<table>
<thead>
<tr>
<th>Race/Ethnicity</th>
<th>The OSU Primary Care Network</th>
<th>Columbus Neighborhood Health Centers</th>
<th>Children’s Close to Home Centers</th>
<th>All Sites OSU-PC PBRN</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>68.4%</td>
<td>27.3%</td>
<td>28.4%</td>
<td>41.4%</td>
</tr>
<tr>
<td>African American</td>
<td>20.0%</td>
<td>48.6%</td>
<td>49.7%</td>
<td>39.4%</td>
</tr>
<tr>
<td>Hispanic or Latino</td>
<td>0.2%</td>
<td>18.6%</td>
<td>10.6%</td>
<td>9.8%</td>
</tr>
<tr>
<td>Asian</td>
<td>2.9%</td>
<td>2.0%</td>
<td>1.3%</td>
<td>2.1%</td>
</tr>
<tr>
<td>Native American</td>
<td>0.2%</td>
<td>0.1%</td>
<td>0.1%</td>
<td>0.1%</td>
</tr>
<tr>
<td>Other or Not Stated</td>
<td>8.3%</td>
<td>3.4%</td>
<td>9.9%</td>
<td>7.2%</td>
</tr>
</tbody>
</table>

**Primary Payor Source**

<table>
<thead>
<tr>
<th>Race/Ethnicity</th>
<th>The OSU Primary Care Network</th>
<th>Columbus Neighborhood Health Centers</th>
<th>Children’s Close to Home Centers</th>
<th>All Sites OSU-PC PBRN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Commercial</td>
<td>66.7%</td>
<td>3.3%</td>
<td>8.4%</td>
<td>26.1%</td>
</tr>
<tr>
<td>Medicaid</td>
<td>15.5%</td>
<td>34.0%</td>
<td>35.5%</td>
<td>28.3%</td>
</tr>
<tr>
<td>Medicare</td>
<td>11.4%</td>
<td>11.5%</td>
<td>42.5%*</td>
<td>21.8%</td>
</tr>
<tr>
<td>Self-pay</td>
<td>3.4%</td>
<td>43.7%</td>
<td>9.3%</td>
<td>18.8%</td>
</tr>
<tr>
<td>Other</td>
<td>3.0%</td>
<td>7.4%</td>
<td>4.3%</td>
<td>5.0%</td>
</tr>
</tbody>
</table>

*Includes Medicaid Managed Care

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### Top 20 Diagnoses of OSU-PCPBRN (2005)

<table>
<thead>
<tr>
<th>Diagnosis Cluster</th>
<th>The OSU Primary Care Network</th>
<th>Columbus Neighborhood Health Centers</th>
<th>Children Close to Home Centers</th>
<th>OSU-PCPBRN (AllSites)</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Medical Examination</td>
<td>3</td>
<td>11.8</td>
<td>4</td>
<td>8.0</td>
</tr>
<tr>
<td>Hypertension</td>
<td>1</td>
<td>17.6</td>
<td>1</td>
<td>12.8</td>
</tr>
<tr>
<td>Lipid Disorders</td>
<td>2</td>
<td>11.9</td>
<td>6</td>
<td>5.2</td>
</tr>
<tr>
<td>Depression, Anxiety, Neuroses</td>
<td>4</td>
<td>9.3</td>
<td>8</td>
<td>2.8</td>
</tr>
<tr>
<td>Diabetes Mellitus</td>
<td>5</td>
<td>8.0</td>
<td>5</td>
<td>7.6</td>
</tr>
<tr>
<td>Acute URI</td>
<td>7</td>
<td>4.8</td>
<td>14</td>
<td>1.4</td>
</tr>
<tr>
<td>Fibrositis, Myalgia, Arthralgia</td>
<td>6</td>
<td>6.0</td>
<td>10</td>
<td>2.3</td>
</tr>
<tr>
<td>Asthma</td>
<td>11</td>
<td>4.0</td>
<td>11</td>
<td>2.0</td>
</tr>
<tr>
<td>Allergic and Chronic Rhinitis</td>
<td>9</td>
<td>4.6</td>
<td>13</td>
<td>1.6</td>
</tr>
<tr>
<td>Low Back Pain and Syndromes</td>
<td>8</td>
<td>4.8</td>
<td>12</td>
<td>1.6</td>
</tr>
<tr>
<td>Pregnancy Care</td>
<td>20</td>
<td>1.1</td>
<td>3</td>
<td>9.9</td>
</tr>
<tr>
<td>Malaise and Fatigue</td>
<td>10</td>
<td>4.1</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Disorders of the Mouth</td>
<td>*</td>
<td>*</td>
<td>2</td>
<td>10.1</td>
</tr>
<tr>
<td>Lower Respiratory Infection</td>
<td>15</td>
<td>2.9</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Otitis Media</td>
<td>*</td>
<td>*</td>
<td>3</td>
<td>3.5</td>
</tr>
<tr>
<td>Ill-defined Cause of Morbidity</td>
<td>*</td>
<td>*</td>
<td>6</td>
<td>2.8</td>
</tr>
<tr>
<td>Dermatitis and Eczema</td>
<td>*</td>
<td>*</td>
<td>7</td>
<td>2.2</td>
</tr>
<tr>
<td>Refractive Errors</td>
<td>*</td>
<td>*</td>
<td>9</td>
<td>3.0</td>
</tr>
<tr>
<td>Contraception</td>
<td>*</td>
<td>*</td>
<td>9</td>
<td>2.4</td>
</tr>
<tr>
<td>Conjunctivitis</td>
<td>*</td>
<td>*</td>
<td>10</td>
<td>0.9</td>
</tr>
</tbody>
</table>
**Family Medicine Clinical Trials**

In last year’s Annual Report, we discussed the collaborative efforts of the Department of Family Medicine with Pediatric Clinical Trials International, Inc. (PCTI). This relationship allowed our Department to initiate pharmaceutical-sponsored clinical research. In January 2006, Children’s Hospital determined that PCTI would concentrate future efforts on pediatric, inpatient trials. Although PCTI has agreed to provide infrastructure support through the end of 2006, this decision forced us to “mature” faster than originally planned. As a result, the Department of Family Medicine has decided to continue these research efforts, and to pursue hiring a Clinical Research Nurse Specialist to act as study coordinator for these trials. In addition, the Department of Family Medicine began collaborating with the Departments of Psychiatry and OB/GYN in resource sharing, and began negotiating with OSUMC to provide additional regulatory and business development support.

Drs. W. Fred Miser and Pat Fahey have completed or are in the process of completing 13 clinical, multi-center trials, which have brought in nearly $100,000 to the Department and to OSU. Briefly, these studies are:

**Recently Completed Studies and Outcomes**

1. **A Phase II, Multicenter, Randomized, Double-blind, Placebo-controlled Parallel Group, Dose Finding Study Evaluating the Safety and Efficacy of Infliximab Administration in Symptomatic Subjects with Moderate to Severe Chronic Obstructive Pulmonary Disease (COPD).** This 48-week, multicenter trial sponsored by Centocor, Inc. (NCT00056264) investigated the use of infliximab, a drug that binds to and blocks the activity of tumor necrosis factor alpha (TNFα) in the treatment of adults with moderate to severe COPD. No significant improvement was found in the use of this drug in symptoms or pulmonary function.

2. **A 7-Month, Multicenter, Parallel, Double-Blind, Placebo-Controlled Comparison of 150-300 mg/day of Extended-release Bupropion Hydrochloride and Placebo for the Prevention of Seasonal Depressive Episodes in Subjects with a History of Seasonal Affective Disorder Followed by an 8-week Observational Follow-up Phase.** Sponsored by GlaxoSmithKline (NCT000669459), this 36-week, multicenter, double-blind, placebo-controlled trial investigated the use of Bupropion Hydrochloride Extended-Release (Wellbutrin XL) in preventing major depressive episodes in patients with a history of seasonal affective disorder (SAD). Based on the finding that 84% of those on Wellbutrin XL, compared to 72% of those on placebo, were depression free at the end of the trial, the FDA approved the use of Wellbutrin for SAD on June 13, 2006.

3. **A Phase 2 Multi-Center, Randomized Dose-Finding Trial of mPA-102 Vaccine in Health Adult Volunteers.** Sponsored by VaxGen in collaboration with the NIH, NIAID, and CDC (NCT00100724), this 52-week project investigated the proper dose for immunogenicity and reactogenicity of a new anthrax vaccine. Based on the results, the U.S. Department of Health and Human Services awarded an $877.5 million contract to supply 75 million doses of this vaccine for civilian defense, as a part of the nation’s Project BioShield Act of 2004, and to conduct future Phase III trials that would lead to FDA approval of the vaccine.

4. **A Multicenter, Randomized, Double-Blind Study to Evaluate the Safety and Efficacy of MK-0431 Monotherapy in Patients with Type 2 Diabetes Mellitus Who Have Inadequate Glycemic Control.** NCT00087516. Sponsored by Merck, this two-year Phase III trial investigated the use of a new class of oral drugs (dipeptidyl peptidase-4 [DPP-4] inhibitors) for type 2 diabetes mellitus. Specifically, the safety and efficacy of sitagliptin (Januvia™) was evaluated as monotherapy. Final results are pending and will be reported soon.

5. **Effect of Slow Digesting Carbohydrate (SDC) Formula on Glycemic Response in Patients with Type 2 Diabetes.** Sponsored by Ross, this double blind, randomized controlled trial compared two different nutritional formulas (SDC – Glucerna vs STD – Choice) and their glycemic and insulin responses in 42 subjects with type 2 diabetes. The recently revised SDC formula (Glucerna) was found to have significantly lower glycemic response compared to STD and was well tolerated. The results were presented at the 2006 American Diabetes Association Scientific Meeting, and a manuscript is currently under review by Diabetes Care.

6. **A Double-Blind, Randomized, Controlled, Multicenter Study to Evaluate the Safety, Tolerability and Immunogenicity of a Refrigerator-Stable Formulation of Zoster Vaccine Live (Oka/Merck).** NCT00130793. Sponsored by Merck, this 26-week, multicenter, randomized trial investigated whether the refrigerator-stable formulation of Zostavax®, a recently FDA approved vaccine approved to prevent herpes zoster, has a comparable immune response and safety profile to that of the freezer-stable formulation of the vaccine. The results of this study are pending.

7. **A Phase 3, Randomized, Double-blind, Active Controlled, Multicenter Trial to Evaluate the Safety and Efficacy of Muraglitazar (BMS-298585) Compared to Pioglitazone in Subjects with Type 2 Diabetes Who Have Inadequate Glycemic Control.** NCT00106808. Sponsored by Bristol-Myers Squibb, this project was to investigate the use of muraglitazar, a dual alpha/gamma PPAR activator, in the management of those with poorly controlled type-2 diabetes mellitus. Just prior to recruitment, results were made available that suggested this drug may increase the risk of cardiovascular death. We elected to terminate this trial so as not to expose subjects to this harm, pending further information.
Ongoing Studies

1. **A Multicenter, Randomized, Double-Blind Study to Compare the Effects of 24 Weeks Treatment with LAF237 (50 mg qd, 50 mg bid or 100 mg qd) to Placebo in Drug Naive Patients with Type 2 Diabetes.** NCT00120536. Sponsored by Novartis, this Phase III multicenter, multinational, randomized trial investigated the use of a new class of oral drugs (dipeptidyl peptidase-4 [DDP-4] inhibitors) for type 2 diabetes mellitus. Safety and efficacy of LAF237 (Vildagliptin™) is being evaluated in those diabetics previously on no medication.

2. **A Multicenter, Randomized, Double-Blind, Placebo-Controlled, Phase 3 Trial to Evaluate the Efficacy and Safety of Saxagliptin (BMS-477118) in Combination with Metformin in Subjects with Type 2 Diabetes Who Have Inadequate Glycemic Control on Metformin Alone.** NCT00121667. Sponsored by Bristol-Myers Squibb, this project investigates the use of a new class of oral drugs (dipeptidyl peptidase-4 [DDP-4] inhibitors) for type 2 diabetes mellitus. Specifically, the safety and efficacy of BMS-477188 (Saxagliptin™) are being evaluated in those diabetics with inadequate control on metformin alone.

3. **Multicenter, Randomized, Double-Blind Study to Evaluate the Efficacy and Safety of Ezetimibe/Simvastatin and Niacin (Extended Release Tablet) Co-Administered in Patients with Type Ila or Type IIb Hyperlipidemia.** NCT00271817. Sponsored by Merck, this trial investigates the efficacy and safety of ezetimibe/simvastatin (Vytorin®) and niacin in patients with high cholesterol.

4. **A 6-Week, Multicenter, Randomized, Parallel-Group Treatment Regimen Study To Evaluate The Efficacy Of Initial High Dose Valsartan Monotherapy (160 Mg) Or Combination Therapy (Valsartan + Hydrochlorothiazide, 160/12.5 Mg) To Conventional Low-Dose Valsartan Monotherapy (80 Mg) In Managing Patients With Hypertension.** NCT00280540. Sponsored by Novartis, this is a double-blind study to evaluate the reduction in systolic blood pressure using a therapy initiated with valsartan 160 mg or valsartan + hydrochlorothiazide (HCTZ) 160/12.5 mg compared to a more conventional approach (therapy initiated with low-dose valsartan 80 mg).

5. **The Durability of Twice-Daily Insulin Lispro Low Mixture Compared to Once-Daily Insulin Glargine When Added to Existing Oral Therapy in Patients with Type 2 Diabetes and Inadequate Glycemic Control.** NCT00279201. Sponsored by Eli Lilly and Company, this project, known as the DURABLE Trial, compares insulin lispro low mixture (LM) and insulin glargine in combination with the patients’ oral diabetes medicines for their ability to control blood sugar in patients with type 2 diabetes and compare insulin lispro LM to insulin glargine with regard to the length of time that the overall blood sugar can be controlled.

6. **A Multicenter, Double-Blind, Randomized, Parallel Group Study to Evaluate the Safety and Efficacy of Sitagliptin in Elderly Patients with Type 2 Diabetes Mellitus.** NCT00305604. Sponsored by Merck, this placebo-controlled, phase III trial investigates the use of a new class of oral drugs (dipeptidyl peptidase-4 [DDP-4] inhibitors) for type 2 diabetes mellitus. Specifically, efficacy of sitagliptin (Januvia™) will be assessed in elderly patients with type 2 diabetes mellitus who have poor glycemic control with diet and exercise.

In addition to these studies, plans are underway for additional studies involving the management of diabetes mellitus, metabolic syndrome, and hypertension. Goals for this upcoming year are to recruit additional department faculty to participate as co-investigators, to increase the diversity of diseases studied, and to expand the trials to additional sites within the OSU Primary Care Network.

Clinical Research Projects of Note

The following highlights notable scholarly accomplishments made by the Department’s faculty during 2005-06.

**Dr. Best Seeks Understanding of Muscle-Tendon Injury and Repair** – Dr. Tom Best, Professor and Pomerene Chair, brought to our Department four funded projects: 1) **Biomechanical Effects of Eccentric Exertions in the Workplace**, a three-year project funded for $387,000 by the National Institute for Occupational Safety and Health (NIOSH), 2) **Modeling of Muscle Strains and Prediction of Injury Risk Factors**, a two-year study funded for $100,000 by the AIRCAST Foundation, 3) **Effects of a Previous Strain Injury on Hamstring Muscle Mechanics During Springtime: Implications for Preventing Re-Injury**, a six-month project funded for $125,000 by NFL Charities, and 4) **The Use of Botulinum A Toxin to Reduce Muscle Contracture and to Promote Myogenesis in a Rabbit Distraction Osteogenesis Model**, a two-year project funded for $100,000 by the Orthopaedic Research and Education Foundation. The research of Dr. Best focuses on the pathophysiology of muscle-tendon injuries. A team of post-docs, graduate students, and medical students has been assembled through both federal and industrial support. A two-pronged approach is taken with both basic science and clinical studies. The basic science studies utilize an animal model to study the biomechanics and pathophysiology of injury and repair. They are specifically interested in the role of leukocytes in inflammation and repair. A variety of immunological and molecular techniques are used in an effort to dissect the role of NF-KB and other transcription factors in the repair of stretch-injured skeletal muscle. Recently, Dr. Best has collaborated with other scientists on the OSU campus to understand more about the role of exercise in cancer-induced cachexia. An animal model is being used to explore optimal methods of attenuating muscle wasting.
**Drs. Fahey and Welker Demonstrate Significant Downstream Revenue for Academic Medical Center** – Dr. Pat Fahey, with Dr. Mary Jo Welker, Mr. Tom Blincoe, Ms. Donabelle Cruz-Huffmaster and Ms. Chris Welker, investigated downstream revenue that the OSU Primary Care Network (OSU PCN) generates for the OSU Medical Center (OSUMC). They assessed total billings and collections from the 2003-04 fiscal year from five revenue streams at OSUMC from the OSU PCN. These streams (hospital billings, tests and procedures from network and specialty attending physicians, and specialist physician billings) were compared to billings and collections from the OSU PCN. A novel weighting system was used to capture the concept that not all admissions or referrals of OSU PCN patients were ordered by OSU PCN physicians. Total downstream net revenue of nearly $115 million was more than six times the net revenue to the network. Downstream direct contribution margin of $52 million was 6.3 times the network loss. They concluded from this analysis that a primary care network can generate significant financial support for an academic medical center. Their manuscript, *Analysis of Downstream Revenue to an Academic Medical Center from a Primary Care Network*, will be published in the August 2006 issue of *Academic Medicine*.

**Dr. Miser Continues to Investigate Quality of Care Issues for Diabetes Mellitus** – Dr. W. Fred Miser continues to be actively involved in other diabetes projects. He, along with Dr. Jim Coyle, has had numerous OSU College of Medicine students working with them on several projects, including the maintenance of a longitudinal registry of nearly 900 patients with diabetes who receive their care at the Rardin Family Practice Center. These studies, funded by the Ohio Academy of Family Physicians Foundation and by the Dowell Family Medicine Foundation, include the following: *Are Continuity of Care and the Use of a Diabetes Flow Sheet Associated with Improved Quality of Care in Patients with Type 2 Diabetes Mellitus Who Receive Their Care in a Family Practice Office Setting?,* and *Cardiovascular Risk Factors and Their Management in Patients with Diabetes Mellitus Who Receive Their Care in a Family Practice Setting.* The data collected for this study will prove invaluable for future studies related to diabetes and family medicine.

**Dr. Gabel Leads Efforts on TeleHealth Initiatives** – Dr. Larry Gabel, with support from Drs. Pat Fahey and Linda Stone, and a number of others outside of the Department, completed two funded projects investigating "telehealth": 1) *Telehealth: A Unique Solution for Health Needs of the Columbus Empowerment Zone* was a three-year project funded for $108,000 by the Columbus Compact Corporation and 2) *Ohio Telemedicine, Education, and Linkage Program (Ohio TeleHelp): A Proof-of-Concept Study* was a one-year project funded for $150,000 by the Ohio Board of Regents. These projects suggested that medical outcomes via telemedicine are the same or better than outcomes of similar face-to-face medical services and that concomitant costs of service are the same or less. A university-commercial partnership was established as a basis of creating and maintaining a statewide, broadband wide area network to link all facilities at which there was a committed interest in participating in a proof-of-concept study. Each facility was configured with at least a video-teleconference unit connected to all others through wired or wireless means. Networked facilities included four nursing homes (two in Columbus, one in Cleveland, and one in Waverly); a non-profit community mental health center, a non-profit community primary health care center, and a non-profit community refugee center, all in Columbus; a non-profit county health department in Portsmouth; one university-based hospital in Columbus; two university-based emergency departments, both in Columbus; and the commercial hub, in Chillicothe. A pilot study of the wide area network configuration revealed satisfaction by the consulting physicians at the Distant Site (university hospital) and staff and patients at the Originating Sites (nursing homes). Especially apparent were the savings in time, travel, and staff resources normally a part of person-to-person health care delivery. A subsequent analysis suggested that the use of telemedicine could result in an annual savings to Medicaid in the order of $98.5 million. While Ohio Medicaid does not presently reimburse for care provided via telemedicine, nor does Medicare in metropolitan areas, sufficient reasons exist to give serious consideration to changing presently restrictive laws and regulations.

**Dr. McDougle Pursues Study on Issues Dealing With Cultural Competency** – In addition to being actively involved in the HRSA-funded Bioterrorism grant (see below), Dr. McDougle has been busy pursuing funding to study the impact of cultural competency training on clinical care. He resubmitted his scored, but unfunded, application to the NIH, *Cultural Competency and Clinical Care*. In addition, he submitted an application to the Columbus Medical Association, *Urban Diabetic F.I.T.N.E.S.S. Program – Fitness Improved Through Sustained Support of Family, Friends, and Community Partners*. This $132,870 15-month project investigates the efficacy of culturally appropriate behavioral modification in treating African Americans who have type 2 diabetes.

**Dr. Miser Continues to Investigate Quality of Care Issues for Diabetes Mellitus** – Dr. W. Fred Miser continues his work on ways to improve the way physicians deliver health care to those with type 2 diabetes mellitus. Working closely with two clinical pharmacists, Drs. Cari Brackett and Jim Coyle, they continue to investigate ways to introduce evidence-based, collaborative pharmacotherapy management into the care of adult family medicine patients with chronic disease, such as diabetes. They currently are looking for ways to fund their project, *Collaborative Pharmacotherapy Management of Diabetes: Outcomes in Primary Care*. Out of an exhaustive database they created, they have investigated chronic kidney disease management in family medicine. Drs. Coyle and Miser presented one project, *Race Determines Appropriate Weight to Use in Cockcroft-Gault Equation in Diabetic Patients*, at the Spring Clinical Meeting of the National Kidney Foundation, and are currently preparing a manuscript to be submitted to the *Annals of Internal Medicine*. Another project, *Prevalence and Management of Chronic Kidney Disease and Its Risk Factors*, was presented at the Great Lakes Pharmacy Resident Conference.

While pursuing NIH funding, Dr. Miser continues to be actively involved in other diabetes projects. He, along with Dr. Jim Coyle, has had numerous OSU College of Medicine students working with them on several projects, including the maintenance of a longitudinal registry of nearly 900 patients with diabetes who receive their care at the Rardin Family Practice Center. These studies, funded by the Ohio Academy of Family Physicians Foundation and by the Dowell Family Medicine Foundation, include the following: *Are Continuity of Care and the Use of a Diabetes Flow Sheet Associated with Improved Quality of Care in Patients with Type 2 Diabetes Mellitus Who Receive Their Care in a Family Practice Office Setting?*, and *Cardiovascular Risk Factors and Their Management in Patients with Diabetes Mellitus Who Receive Their Care in a Family Practice Setting*. The data collected for this study will prove invaluable for future studies related to diabetes and family medicine.
Dr. Miser mentored a recently graduated OSU medical student, Dr. Jessica Evert, on her project, *Racial Disparities and “Missed Opportunities” in the Vaccination of Adult Diabetics*. This project, analyses performed with Dr. Geetu Melwani, investigated whether diabetic patients with worse health habits (smoking and obesity) and more co-morbidities are less likely to be immunized, and whether the disparity in vaccination rates of minority individuals is related to poor health habits and heavy disease burden. Their presentation, *The Role of Utilization, Personal Health Habits, and Disease Burden in Racial Disparities and Missed Opportunities Within the Vaccination of Adult Diabetics*, was awarded 2nd place in the oral research category at the 2005 Annual Meeting of the American Academy of Family Physicians in San Francisco, and was also presented at the North American Primary Care Research Group 2005 Annual Meeting in Quebec City, Canada.

Dr. Miser has also investigated the role of health literacy in chronic disease management. He submitted a grant application to the American Academy of Family Physicians Foundation entitled, *The Association of Health Literacy, Diabetes Knowledge, and Glycemic, Blood Pressure and Lipid Control in Patients with Diabetes Mellitus Who Receive Their Care in a Family Practice Office*. He is mentoring Kelly Jeppesen, a 2nd year medical student, who is a recipient of a one-year grant funded by the NIH Roadmap Predoctoral Clinical Research Training Program, who is participating on this project. Dr. Miser is also mentoring Ellen Vogt, a 3rd year medical student who received a 3-month grant from the David E. Rogers Fellowship Program from the New York Academy of Medicine. Their work, *Health Literacy and Other Factors Associated with Skin Ulcers in an Underserved Population*, investigates ways in which a clinician can efficiently assess health literacy.

Dr. Olusegun Osinbowale, 2005 Residency graduate, and Dr. W. Fred Miser presented their project, *How Do the Attitudes of Family Physicians Toward Cancer Screening Prevention Affect the Practice of Screening for Cancer in Patients Age 55-69 Years?*, at the 2006 Ohio Academy of Family Practice Annual Research and Education Symposium. The Ohio Academy of Family Physicians Foundation and the American Cancer Society funded this pilot project. This presentation was awarded both the Most Outstanding Resident Research Presentation and the Most Outstanding Research Presentation. In their review of a random selection of 296 medical records belonging to adults, ages 55-69 years, less than half had received the ACS-recommended screening for breast, colorectal, and prostate cancer within the previous year. Perhaps their most significant finding was that when patients had wellness visits, rates of cancer screening significantly increased: breast 44% vs. 64% (p < 0.001), colorectal 42% vs. 65% (p < 0.01), and prostate 37% vs. 91% (p < 0.0001). They are currently finishing the manuscript for publication.

**Dr. Post Investigates Patient-Centered Communication During Chemotherapy** – Dr. Doug Post was awarded $240,000 by the NIH to conduct a two-year R21 study entitled, *Patient-Centered Communication During Chemotherapy*. Pain, depression, and fatigue are among the most common disease and treatment-related symptoms experienced by cancer patients. Studies have indicated that communication problems between cancer patients and clinicians are a major barrier to the effective management of these symptoms. This project is designed to address this important problem through the development and evaluation of a PDA-based patient communication intervention for breast cancer patients undergoing chemotherapy treatment. The intervention is comprised of two integrated components: symptom monitoring and tailored patient communication training. Patients are asked to complete fatigue, depression, and pain inventories on a PDA at the beginning of chemotherapy and once per week through the completion of treatment. On the day prior to an appointment for chemotherapy treatment, a summary of fatigue, depression, and pain scores will be integrated with a tailored patient communication skills training program and displayed on the PDA for patient viewing. Patients will be taught, through role modeling, how to effectively communicate the types of symptoms they have experienced between treatments. They will also be encouraged to bring the PDA with their symptom summaries to each chemotherapy visit and to share this information with their health care provider.

Dr. Post is Co-Principal Investigator on a project funded by the American Cancer Society National Division, *Ohio Patient Navigator Research Program*. This five-year project is part of an NIH-funded consortium of nine sites across the U.S. investigating the effects of patient navigator programs on patient and health delivery outcomes for cancer. The project also includes a process evaluation and cost effectiveness analysis. Dr. Post is co-investigator for two other NIH-funded projects, *Efficacy of Web-Based Training in Skin Cancer Triage* is a five-year R01 research project through a subcontract from Brown University that evaluates the effectiveness of a web-based education curriculum in skin cancer detection for primary care physicians. *Reducing Cervical Cancer in Appalachia* is a five-year P01 project based in Ohio State’s Comprehensive Cancer Center that aims to increase Pap smear screening among Appalachian women in Ohio, to identify factors related to tobacco use and study the effects of a cessation intervention, and to determine the social, behavioral, and biological variables that might contribute to their increased risk of cervical cancer.

Dr. Post is also a mentor for Dr. Mira Katz's five-year K 07 award funded by the NIH, *Patient Activation to Increase Colon Cancer Screening*. The purpose of the study associated with this award is to develop and test in a randomized controlled trial a primary care colorectal cancer screening intervention designed for underserved populations. The intervention is focused on patient communication training and telephone barriers counseling.
Dr. Wexler Continues to Study Hypertension – Dr. Randy Wexler continues his work on Cognitive Behavioral Therapy - Techniques and Lifestyle Changes: Reducing Systolic Blood Pressure, a one-year study funded by the American Academy of Family Physicians Foundation. His project tests the hypothesis that patients can be taught to implement Lifestyle Behavioral Changes (LBC - restricting dietary sodium, engaging in aerobic physical activities, and moderating alcohol intake) augmented with Cognitive Behavioral Therapy-Techniques (CBT-T) in the time frame of a routine primary care office visit. He is conducting a prospective randomized clinical trial comparing LBCs augmented by CBT-T to usual care in the treatment of hypertension in the primary care setting. Dr. Wexler has recently submitted a $300,000 Clinical Faculty Scholars Grant to the Robert Wood Johnson Foundation. The hypothesis to be tested is that culturally accepted dietary translational materials for African American patients will produce a better response to hypertension than "standard" materials. Expanding on this topic, Dr. Wexler is preparing a $680,000 NIH K-Award to address this topic in greater depth.

Use of BNP To Identify Asymptomatic Heart Failure – Dr. Rupal Oza, Randy Wexler, and W. Fred Miser continue work on their study, Using B-Type Natriuretic Peptide as a Screen for Asymptomatic Heart Failure in Hypertensive Patients with Either Ischemic Heart Disease and/or Diabetes. Working with Dr. William Abraham, Division of Cardiology and Dr. David Jarjoura, Center of Biostatistics, the investigators are studying the association between plasma b-type natriuretic peptide (BNP) levels and ventricular function in a group of ambulatory patients, ages 65 years or older, who have a history of hypertension with either ischemic heart disease and/or diabetes mellitus but no history and/or symptoms suggestive of heart failure. They believe establishing a correlation between BNP levels and asymptomatic heart failure will lead to earlier interventions to decrease the morbidity and mortality of heart failure.

Education Research Projects of Note
In addition to these clinical research projects, the Department was actively involved in several research projects involving educational interventions, including four major programs funded by the U.S. Department of Health and Human Services Health Resources and Service Administration (HRSA). These projects produced changes and innovation in curriculum and numerous presentations and publications.

Faculty Development: A Collaboration with General Internal Medicine – Drs. Cynthia Ledford, Principal Investigator, and Holly Cronau, Co-Principal Investigator, were awarded a two-year, $245,155 grant by the Department of Health and Human Services for the project, Physician Development in Primary Care-Family Medicine and General Internal Medicine. The purpose of this project is to support and develop teaching skills of our community-based faculty and to strengthen the communication links from the underserved community sites to the Medical Center and College. A reference booklet with time-efficient teaching tips has been developed along with web-based teaching modules. Unique topics such as domestic violence, cultural competency, and geriatric issues along with core teaching strategy modules have been developed. The pilot sessions with core community faculty will begin in October 2006.

Dr. Knutson Teaches to the CORE – Dr. Doug Knutson and co-investigator Dr. Doug Post were awarded a three-year, $654,970 grant by the Department of Health and Human Services for his project, Teaching to the CORE: Using Core Competencies Without Losing Core Values. The purpose of this project is to enhance the current medical school curriculum at OSU, focusing on the core competencies identified by the ACGME, while creating a medical school environment that allows students to retrain the values of altruism and service – values drawing students to primary care. This project includes initiatives that will enhance curriculum throughout all four years of medical school. As Dr. Knutson has taken on additional responsibility as the OSU Family Medicine Residency Director, Dr. Larry Gabel has assisted in the administration of this project.

Drs. Miser and McDougle Train Health Care Students in Bioterrorism Preparedness – Drs. W. Fred Miser, Principal Investigator, and Leon McDougle, Co-Principal Investigator, assisted by Department faculty members, Drs. Larry Gabel, Doug Knutson, Pat Fahey, and Kate Balturshot, and Ms. Donna Knisley, Project Administrative Associate, put the finishing touches on their 2-year, $1.25 million grant from the U.S. Department of Health and Human Services, The Ohio Center of Excellence in Education for Bioterrorism Preparedness and Response. This collaborative project, consisting of educators in the fields of medicine, nursing, allied health, and public health from The OSU Medical Center, Ohio University, the University of Cincinnati, NEOUCOM, and the Ohio Department of Health, developed a PowerPoint presentation titled, An Introduction to the Threat of Bioterrorism – What Every Health Care Provider Should Know. Dr. Miser presented this talk to every third-year OSU medical student as part of the ambulatory care rotation. Before each presentation, he surveyed the attitudes and self-perceived knowledge of the students; the results of this survey were presented at the 2006 Ohio Academy of Family Physicians Research and Education Symposium, and will be submitted for publication in Academic Medicine. In addition, they developed small group case discussions dealing with anthrax, smallpox, botulism, sarin, tularemia, dirty bombs, and post-traumatic stress disorder following a homicide bombing attack. Several manuscripts have already been published from this project, and several more are forthcoming.
Dr. McDougle Studies Diversity Issues in Higher Education – Dr. Leon McDougle is the Principal Investigator for two projects that investigate issues related to underrepresented minority students: *Introduction to Diversity, Communication, and Ethics in Clinical Medicine: The Use of a Student-Run Introductory Undergraduate Seminar to Increase the Number of Qualified Underrepresented Minority Medical School Applicants,* and *Investigation of the Relationship Between Pre-Admissions Variables and Medical School Performance as Measured by the USMLE Step 1 Examination for Underrepresented Minority and Economically Disadvantaged Students Who Have Completed a Post Baccalaureate Training Program Through The Ohio State University College of Medicine and Public Health.* Both of these longitudinal studies are in the data collection phase.

**Resident Research Projects**

Completing a quality scholarly project is a requirement of all graduating Family Medicine residents. Drs. Larry Gabel, W. Fred Miser, and Randy Wexler, and Ms. Jennifer Lehman provided a year-long, longitudinal research curriculum to assist the residents in achieving that requirement. The senior family medicine residents presented their projects at the 7th Annual Department of Family Medicine Resident Research Symposium on April 20, 2006. Summaries of these projects follow.

1. Dr. Ahmed Jakda, assisted by Dr. Randy Wexler, presented his project, **Cognitive Behavioral Therapy Techniques and Lifestyle Changes: Reducing Systolic Blood Pressure.** Dr. Jakda performed a literature review of controlling blood pressure through lifestyle changes (restricting dietary sodium, engaging in aerobic physical activities, and moderating alcohol intake), and the role that cognitive behavioral therapy may have in achieving those changes. His work laid the foundation to assist Dr. Wexler in collecting data in the AAFP-sponsored grant of the same title.

2. Dr. Sabahat Iqbal, mentored by Drs. W. Fred Miser and Pam Dull, shared the results of their study, **Urinary Incontinence: Prevalence in an Outpatient Setting.** Surveying nearly 500 adults in the OSU-PCBRN, they found that urinary incontinence was quite prevalent (31%), affecting both men (15%) and women (41%), increases with age, is associated with BPH in men and having 2 or more children in women, and is not frequently discussed with their physicians (less than a third discussed this issue with their doctor). One of the larger studies ever performed in the United States in a primary care setting, two manuscripts are currently being prepared to submit for publication.

3. Dr. Shefali Arora, with the assistance of Dr. Randy Longenecker, presented **Small Volume Maternity Unit Medication Organization.** They surveyed smaller maternity units within the state of Ohio to determine how medications were stored and subsequently administered. The results of their study will be used to help prevent potential medication errors on the maternity ward and in the newborn nursery.

4. Dr. Clifton Page, in conjunction with Dr. Vernon Williams, presented the findings from his project, **Spirituality: Its Influence on Sports Performance and Injury in College Athletes.** In preparation for his upcoming Sports Medicine Fellowship, Dr. Page was able to query OSU athletes about their spiritual views, and to explore whether these views influenced their ability to quickly recuperate from their injuries. Along the way, he learned the challenges of performing research in this population, and ways to overcome those challenges.

5. Dr. Christian Beskow, with the assistance of Dr. Randy Wexler, presented **Patients’ Opinions of Cost-Effective Analysis as a Culturally Acceptable & Appropriate Method of Rationing.** Their survey of patients resulted in several interesting insights into how they want the best of medical care, without necessarily having to pay for that quality. His presentation was followed by a lively discussion from the audience. His presentation was deemed the best of the night by all those who evaluated the research presentations.

6. Dr. Harpreet Arora, in conjunction with Dr. Randy Longenecker, presented **Rural Family Physicians Shortage: Perceptions of Rural Communities and the Rural Practice Setting Among Rural and Non-Rural Family Physicians.** They presented the results of their survey of Ohio family physicians which examined the perceptions of what it means to be a rural family physician. The results of this survey was then followed by a discussion of the benefits of rural practice.

**Summative Listing of Research Efforts by Department of Family Medicine Faculty**

The summative delineation on subsequent pages provides details of research efforts undertaken by departmental faculty and demonstrates not only the efficacy of our faculty members’ collaborative efforts but the richness of those efforts. Department faculty names are highlighted for each citation. From this summary it is evident that faculty in the Ohio State Department of Family Medicine, regarding the research and scholarship element of our departmental mission, are making much progress.
**Research Applications Funded**

**Best TM.** Biomechanical Effects of Eccentric Exertions in the Workplace. NIOSH, three-year grant, October 2002, $387,000, Co-Investigator.

**Best TM.** Modeling of Muscle Strains and Prediction of Injury Risk Factors. AIRCAST Foundation, two-year grant, January 2005, $100,000, Co-Investigator.

**Best TM.** Effects of a Previous Strain Injury on Hamstring Muscle Mechanics During Sprinting: Implications for Preventing Re-Injury. NFL Charities, one-year grant, January 2005, $125,000, Co-Investigator.

**Best TM.** The Use of Botulinum A Toxin to Reduce Muscle Contracture and to Promote Myogenesis in a Rabbit Distraction Osteogenesis Model. OREF, two-year grant, March 2007, $100,000, Principal Investigator.

**Fahey PJ.** Building Research Capacity: Enhancing Research Productivity. Department of Health and Human Services, three-year grant, September 2003, $1,060,560, Co-Investigator.

**Fahey PJ.** The Ohio Center of Excellence in Education in Bioterrorism Preparedness and Response. Health Resources and Services Administration, Department of Health and Human Services, two-year grant, September 2003, $1,252,300, Co-Investigator.


**Gabel, LL.** The Ohio Center of Excellence in Education in Bioterrorism Preparedness and Response, Department of Health and Human Services, two-year grant, October 2003, $1,252,300, Curriculum Design Facilitator.

**Gabel, LL.** Ohio Telemedicine, Education, and Linkage Program (Ohio TeleHELP): A Proof-of-Concept Study. Ohio Board of Regents, one-year grant, January 2005, $150,000, Principal Investigator.


**Longenecker RL.** Rural Health Scholars Program. Dr. J Martin Byers, Jr. Memorial Fund and Mary J. and Robert S. Young Fund, Family Medicine Endowment Funds, three-year grant ($6,000 annually for 3 years, 2002-2005; renewed 2005-2008 at $7-8,000 annually), Principal Investigator.

**Longenecker RL.** Group Home Visits: Delivering Prenatal Care to Amish Families at their Point of Need. The Ohio State University AHEC, one-year grant, July 2006, $4,350, Principal Investigator.

**Knutson DM.** Teaching to the CORE: Using Core Competencies without Losing Core Values. Department of Health and Human Services, three-year grant, July 2005, $642,190, Principal Investigator.

**McDougle L.** Introduction to Diversity, Communication, Communication, and Ethics in Clinical Medicine: The Use of a Student-Run Introductory Undergraduate Seminar to Increase the number of Qualified Underrepresented Minority Medical School Applicants. Internally-funded, longitudinal project began Fall quarter 2005; data collection is ongoing. Principal Investigator.

**McDougle L.** Investigation of the Relationship Between Pre-Admissions Variables and Medical School Performance as Measured by the USMLE Step 1 Examination for Underrepresented Minority and Economically Disadvantaged Students who have Completed a Post Baccalaureate Training Program Through The Ohio State University College of Medicine. Internally-funded, longitudinal project began April 2004; data collection is ongoing. Principal Investigator.

**Miser WF.** The Ohio Center for Public Health Preparedness. Centers for Disease Control, five-year grant, September 2004, $5,630,395, Co-investigator.

**Miser WF.** Attitudes of Family Physicians and Patients toward Cancer Screening and the Practice of Screening for Cancer in Patients Age 55-69 Years. Ohio Academy of Family Physicians Foundation and the American Cancer Society, one-year grant, August 2005, $1,000, Principal Investigator.

**Miser WF.** Using B-Type Natriuretic Peptide as a Screen for Asymptomatic Congestive Heart Failure in Hypertensive Patients with either Ischemic Heart Disease and/or Diabetes. Crisafi-Monte Endowment Fund, The Ohio State University College of Medicine, one-year grant, August 2005, $39,187, Co-Investigator.
Miser WF. Cardiovascular Risk Factors and Their Management in Patients with Diabetes Mellitus Who Receive Their Care in a Family Practice Setting. Dowell Family Medicine Fund, The Ohio State University College of Medicine, six-week grant, May 2006, $1,500, Principal Investigator.

Miser WF. The Ohio Center of Excellence in Education in Bioterrorism Preparedness and Response. Health Resources and Services Administration, Department of Health and Human Services, two-year grant, September 2003, $1,252,300, Principal Investigator.

Miser WF. Health Literacy and Other Factors Associated with Skin Ulcers in an Underserved Population. David E. Rogers Fellowship Program, The New York Academy of Medicine, three-month grant, June 2006, $3,500, Principal Investigator with medical student Ellen Vogt as recipient.

Miser WF. Attitudes of Patients Age 55-69 Years toward Cancer Screening. Ohio Academy of Family Physicians Foundation Summer Research Externship Program, two-month grant, June 2006, $2,500, Principal Investigator.


Miser WF. Proposal for a Summer Medical Student Research Participation Program. Crisafi-Monte Endowment Fund, four-month grant, June 2006, $18,868, Co-Investigator.

Miser WF. The Patient's Perspective of Cancer Screening. Ohio Academy of Family Physicians Foundation and the American Cancer Society, one-year grant, July 2006, $1,000, Principal Investigator.


Post DM. Risky Sexual Behavior and Cervical Cancer in Rural Ohio Women. American Cancer Society, Ohio Division, one-year grant, October 2005, $30,000, Principal Investigator.

Post DM. Ohio Patient Navigator Research Program. American Cancer Society, National Division, five-year grant, October 2005, $2,500,000, Co-Principal Investigator.


Post DM. Patient Activation to Increase Colon Cancer Screening. National Institutes of Health: K07, five-year grant, July 2005, $675,000, Mentor.

Post DM. Efficacy of Web-Based Training in Skin Cancer Triage. National Institutes of Health: R01, five-year grant, July 2004, $1,977,697, Subcontract Principal Investigator.


Pharmaceutical Industry Research

Fahey PJ. A Double-Blind, Randomized, Controlled, Multicenter Study to Evaluate the Safety, Tolerability and Immunogenicity of a Refrigerator-Stable Formulation of Zoster Vaccine Live (Oka/Merck). Merck, 26-week grant, September 2005, Co-Principal Investigator.

Fahey PJ. A Multicenter, Randomized, Double-Blind Study to Compare the Effects of 24 Weeks Treatment with LAF237 (50 mg qd, 50 mg bid or 100 mg qd) to Placebo in Drug Naïve Patients with Type 2 Diabetes. Novartis, 26-week grant, July 2005, Co-Principal Investigator.

Fahey PJ. A Phase 3, Randomized, Double-Blind, Active Controlled, Multicenter Trial to Evaluate the Safety and Efficacy of Muraglitazar Compared to Pioglitazone in Subjects with Type 2 Diabetes Who Have Inadequate Glycemic Control. Bristol-Myers Squibb, 26-week grant, September 2005, Co-Principal Investigator.
Fahey, PJ. A Multicenter, Randomized, Double-Blind, Placebo-Controlled, Phase 3 Trial to Evaluate Efficacy and Safety of Saxagliptin in Combination with Metformin in Type 2 Diabetics with Inadequate Glycemic Control on Metformin. Bristol-Myers Squibb, 26-week grant, September 2005, Co-Principal Investigator.

Fahey PJ. Multicenter, Randomized, Double-Blind Study to Evaluate the Efficacy and Safety of Ezetimibe/Simvastatin and Niacin (Extended Release Tablet) Co-Administered in Patients with Type IIA or Type IIB Hyperlipidemia. Merck & Company, 26-week grant, February 2006, Principal Investigator.

Fahey PJ. A 6-Week, Multicenter, Randomized, Parallel-Group Treatment Regimen Study To Evaluate The Efficacy Of Initial High Dose Valsartan Monotherapy (160 Mg) Or Combination Therapy (Valsartan + Hydrochlorothiazide, 160/12.5 Mg) To Conventional Low-Dose Valsartan Monotherapy (80 Mg) In Managing Patients With Hypertension. Novartis, 26-week grant, February 2006, Principal Investigator.

Fahey PJ. The Durability of Twice-Daily Insulin Lispro Low Mixture Compared to Once-Daily Insulin Glargine When Added to Existing Oral Therapy in Patients with Type 2 Diabetes and Inadequate Glycemic Control. Lilly, 52-week grant, March 2006, Co-Principal Investigator.

Fahey PJ. A Multicenter, Double-Blind, Randomized, Parallel Group Study to Evaluate the Safety and Efficacy of Sitagliptin in Elderly Patients with Type 2 Diabetes Mellitus. Merck & Company, 52-week grant, March 2006, Co-Principal Investigator.

Fahey PJ. A Multicenter, Randomized, Double-Blind, Placebo Controlled, Phase 3 Trial to Evaluate the Efficacy and Safety of Sitagliptin in Combination with Thiazolidinedione Therapy in Subjects with Type 2 Diabetes Who Have Inadequate Control on Thiazolidinedione Therapy Alone. Merck & Company, 52-week grant, March 2006, Co-Principal Investigator.

Miser WF. A Double-Blind, Randomized, Controlled, Multicenter Study to Evaluate the Safety, Tolerability and Immunogenicity of a Refrigerator-Stable Formulation of Zoster Vaccine Live (Oka/Merck). Merck, 26-week grant, September 2005, Principal Investigator.

Miser WF. A Multicenter, Randomized, Double-Blind Study to Compare the Effects of 24 Weeks Treatment with LAF237 (50 mg qd, 50 mg bid or 100 mg qd) to Placebo in Drug Naïve Patients with Type 2 Diabetes. Novartis, 24-week grant, July 2005, Principal Investigator.

Miser WF. A Phase 3, Randomized, Double-Blind, Active Controlled, Multicenter Trial to Evaluate the Safety and Efficacy of Muraglitazar Compared to Pioglitazone in Subjects with Type 2 Diabetes Who Have Inadequate Glycemic Control. Bristol-Myers Squibb, 26-week grant, September 2005, Principal Investigator.

Miser WF. A Multicenter, Randomized, Double-Blind, Placebo-Controlled, Phase 3 Trial to Evaluate Efficacy and Safety of Saxagliptin in Combination with Metformin in Type 2 Diabetics with Inadequate Glycemic Control on Metformin. Bristol-Myers Squibb, 26-week grant, September 2005, Principal Investigator.

Miser WF. Multicenter, Randomized, Double-Blind Study to Evaluate the Efficacy and Safety of Ezetimibe/Simvastatin and Niacin (Extended Release Tablet) Co-Administered in Patients with Type IIA or Type IIB Hyperlipidemia. Merck & Company, 26-week grant, September 2005, Co-Principal Investigator.

Miser WF. A 6-Week, Multicenter, Randomized, Parallel-Group Treatment Regimen Study To Evaluate The Efficacy Of Initial High Dose Valsartan Monotherapy (160 Mg) Or Combination Therapy (Valsartan + Hydrochlorothiazide, 160/12.5 Mg) To Conventional Low-Dose Valsartan Monotherapy (80 Mg) In Managing Patients With Hypertension. Novartis, 26-week grant, February 2006, Co-Principal Investigator.

Miser WF. The Durability of Twice-Daily Insulin Lispro Low Mixture Compared to Once-Daily Insulin Glargine When Added to Existing Oral Therapy in Patients with Type 2 Diabetes and Inadequate Glycemic Control. Lilly, 52-week grant, March 2006, Principal Investigator.

Miser WF. A Multicenter, Double-Blind, Randomized, Parallel Group Study to Evaluate the Safety and Efficacy of Sitagliptin in Elderly Patients with Type 2 Diabetes Mellitus. Merck & Company, 52-week grant, March 2006, Principal Investigator.

Miser WF. A Multicenter, Randomized, Double-Blind, Placebo Controlled, Phase 3 Trial to Evaluate the Efficacy and Safety of Sitagliptinin Combination with Thiazolidinedione Therapy in Subjects with Type 2 Diabetes Who Have Inadequate Control on Thiazolidinedione Therapy Alone. Merck & Company, 52-week grant, March 2006, Principal Investigator.
Publications

Peer Review Journals


Fahey PJ. Analysis of downstream revenue to an academic medical center from a primary care network. Academic Medicine (In Press).


McDougle L, Miser WF. The community physician’s preparedness and response for a sarin gas terrorist attack. Family Practice Recertification (In Press).


Seehusen D, Miser WF. Teaching the outstanding medical learner. Family Medicine (In Press).

McDougle L, Miser WF. The community physician’s preparedness and response for a sarin gas terrorist attack. Family Practice Recertification (In Press).


Miser WF, McDougle L, Post D. Primary care physicians responding to mental health needs following disasters and terrorist events. Journal of the American Board of Family Practice (In Review).


**Books and Chapters**


**Other Scholarly Publications**


**National and International Presentations**


Carroll M, Best TM. A Randomized Trial to Assess the Efficacy of Nightime Bracing for Rotator Cuff Tendinopathy. 53rd Annual ACSM Meeting, Denver, CO, May 2006.

Sakurai T, Kano Y, Ohno H, Ji LiLi, Best TM, Izawa T. Role of Nitric Oxide in the Apoptosis of Structural Damage in Rat Skeletal Muscle. 53rd Annual ACSM Meeting, Denver, CO, June 2006.


Best TM. How Did I Hurt My Hamstring – How Should I Treat It? The Ohio State University Annual Alumni Association, Columbus, OH, September 2005.


Best TM. Exercise Collapse Heat Illness: Prevention and Treatment. 1st Annual Cardiology Symposium 'Sudden Cardiac Death and the Athlete', The Ohio State University, Columbus, OH, July 2006.

Best TM. A University and Community-Based Partnership to Promote a Healthy Lifestyle Change in School Children. Session Moderator, 52nd Annual ACSM Meeting, Nashville, TN, June 2005.


Best TM. Tissue Tolerance in Young Throwers. 52nd Annual ACSM Meeting, Nashville, TN, June 2005.


Best TM, Benjamin M, Toumi H. Where Tendon and Ligament Meet Bone – Attachment Sites (Entheses) in Relation to Exercise and Injury. 53rd Annual ACSM Meeting, Denver, CO, June 2006.


Diehl JJ. Sudden Death in Athletes and Use of the AED. OSU MedNet 21 Online CME Host, Presenter: Dr. Christine Lawless, May 2006.


Fahey PJ. Physician Panelist or Moderator. Pharmacy Education Network, Recent Advances in Disease State Management. On “The Web” by OSU Center for Continuing Medical Education, 2005-06.


Gabel LL. How to Get Your Research Funded. Twentieth Annual Primary Care Research Methods and Statistics Conference, 4 CME Hours, San Antonio, TX, December 2005.


Burke WJ, Miser WF, Gabel LL. An Interdisciplinary Curriculum regarding Care of Aging Feet. 43rd ACOFP Annual Convention & Exhibition, Philadelphia, PA, March 2006.


Burke WJ, Miser WF, Gabel LL. An Interdisciplinary Curriculum Regarding Care of Aging Feet. American College of Osteopathic Family Physicians, Osteopathic 43rd Annual Convention, Grapevine, TX, March 2006.

Coyle JD, Miser WF. Race Determines Appropriate Weight to Use in Cockroft-Gault Equation in Diabetic Patients. Spring Clinical Meeting of the National Kidney Foundation, Chicago, IL, April 2006.

Mazza A, Coyle JD, Brackett CC, Jeppesen KM, Miser WF. Prevalence and Management of Chronic Kidney Disease and Its Risk Factors. 21st Annual Great Lakes Pharmacy Resident Conference, West Lafayette, IN, April 2006.


Miser WF. The IRB Made Plain and Simple. 33rd North American Primary Care Research Group Annual Meeting, Quebec City, Quebec, Canada, October 2005.


Cegala DJ, Post DM. The Influence of Patient Participation on Physicians’ Patient-Centered Interviewing Style. International Conference on Communication in Health Care, Chicago, IL, October 2005.

Sharma H. Meditation, Health and Well-being. Complementary and Integrative Medicine Selective, St. George’s University, School of Medicine, Grenada, September 2005.

Sharma H. Meditation. Complementary and Integrative Medicine Selective, St. George’s University, School of Medicine, Grenada, September 2005.


Stone L. Celebrating Collaborations in Honoring the Student with the Heart of a Family Physician. STFM Predoctoral Conference, Charleston, SC, February 2006.


Wagner T, Hansen T. Rural Program Round Table. RAP Workshop, Kansas City, MO, April 2006.


Local and State Presentations

Arora H, Longenecker R. Rural Family Physicians Shortage: Perceptions of Rural Communities and the Rural Practice Setting among Rural and Non-Rural Family Physicians. The Ohio State University Department of Family Medicine Annual Research Symposium, Columbus, OH, April 20, 2006.
Arora S, Longenecker R. Small Volume Maternity Unit Medication Organization. The Ohio State University Department of Family Medicine Annual Research Symposium, Columbus, OH, April 20, 2006.


Aukerman GA. Integrative Medicine and Cancer. OSU James Care Breast Disease Specific Committee, Columbus, OH, September 22, 2005.


Aukerman GA. Integrative Medicine. Internal Medicine Department Meeting. Ohio State University, Columbus, OH, October 18, 2005.

Aukerman GA, Kunze L. Introduction to Integrative Medicine. OSU CIM Community Series, Columbus, OH, October 26, 2005.


Aukerman GA. Introduction to Integrative Approaches to Cancer Prevention and Treatment. OSU CIM Community Series, Columbus, OH, February 1, 2006.

Aukerman GA. Integrative Approaches to Cancer Prevention and Treatment. OSU CIM Community Series, Columbus, OH, February 11, 2006.


Aukerman GA. Integrative Approaches to Cancer Prevention and Treatment. OSU CIM Community Series, Columbus, OH, March 1, 2006.


Aukerman GA. Integrative Medicine Basis for Multiple Disorders. OSU CIM Community Series, Columbus, OH, March 22, 2006.

Aukerman GA. Integrative Medicine Basis for Multiple Disorders (Metabolic, Thyroid, Diabetes, Weight, Fibromyalgia, Chronic Fatigue). OSU CIM Community Series, Columbus, OH, April 5, 2006.

Aukerman GA, Kunze L. OSU Center for Integrative Medicine. OSUMC Service Board Programs of Excellence, Columbus, OH, April 13, 2006.
Aukerman GA. Nutritional Principles in Integrative Medicine. OSU CIM Community Series, Columbus, OH, April 15, 2006.

Aukerman GA. Keynote Address: Integrative Medicine. Bucyrus Community Hospital Affair of the Heart (Community Education Program), Bucyrus, OH, April 22, 2006.


Aukerman GA. Integrative Medicine and Metabolic Disorders. OSU CIM Community Series, Columbus, OH, May 13, 2006.

Aukerman GA, Kunze L. Growing your Own Garden. OSU CIM Community Series, Columbus, OH, May 20, 2006.


Aukerman GA. Living Well to 100. OSU CIM Community Series, Columbus, OH, June 7, 2006.

Aukerman GA. Medical Implications of Cell Phone Use. Columbus Community Leaders Forum, Columbus, OH, June 15, 2006.


Bright P. Introduction to Qigong. OSU CIM Community Series, Columbus, OH, July 21, 2005.

Bright P. Acupressure Facelift. OSU CIM Community Series, Columbus, OH, July 27, 2005.

Bright P. Mindfulness Based Stress Reduction. OSU CIM Community Series, Columbus, OH, August 17, 2005.


Crane RS. Nicotine Addiction: 5 Quick Ways to Make a Lasting Impact. Blanchard Valley Hospital, Grand Rounds, Columbus, OH, December 9, 2005.

Crane RS. A Victim’s Vigil. Mothers Against Drunken Driving (MADD) Pre-Holiday Ceremony, Columbus, OH, December 19, 2005.


Crane RS. Teen Tobacco Use. Christopher Program, Columbus Public Schools, Columbus, OH, February 22, 2006.

Crane RS. Asian Youth and Tobacco. Asian Health Fair, Columbus, OH, April 22, 2006.

Crane RS. Call to Passion and Action. MADD Regional Conference, Columbus, OH, June 24, 2006.

Diehl JJ. Shin Pain in Athletes: Beyond Shin Splints. OSUMC Current Topics in Sports Medicine, Columbus, OH, April 4, 2006.


Diehl JJ. Lower Extremity Examination. OSU Family Medicine Residency Immersion Month Workshop, Columbus, OH, July 10, 2006.

Diehl JJ. Life Wave Patches and their Use in Athletes. Channel 10 Newscast, OSU SMC Community Outreach, Columbus, OH, May 19, 2006.


Dull P. What is This (STDs)? OSU Family Practice Resident Conference, Columbus, OH, March 8, 2006.

Dull P. Anti-Parkinson Drugs. OSU Family Practice Resident Conference, Columbus, OH, January 4, 2006.

Dull P. Clinical Correlations: Hepatitis and Cirrhosis. OSU Family Practice Resident Conference, Columbus, OH, December 7, 2005.


Garber D. Introduction to Feng Shui. OSU CIM Community Series, Columbus, Ohio, Columbus, OH, July 18, 2005.

Keller K. Back Safety for Golfers. OSU CIM Community Series, Columbus, OH, August 22, 2005.

Klatt M. Yoga and the Cancer Continuum. OSU CIM Community Series, Columbus, OH, May 25, 2006.

Kunze L. Art Therapy as Part of Integrative Medicine. OSU Addictions Institute, Columbus Convention Center, Columbus, OH, July 22, 2005.

Kunze L. The OSU Center for Integrative Medicine. Jamescare Integrative Committee, Columbus, OH, September 8, 2005.

Kunze L. Art Therapy/Integrative Medicine. Consumer Sciences Faculty, Columbus, OH, September 15, 2005.

Kunze L. What is Integrative Medicine? OSU Faculty Staff Lunch series, Columbus, OH, September 26, 2005.

Kunze L. Women, Medicine, and Integrative Wellness. Wyandot Memorial Hospital Women’s Health, Upper Sandusky, OH, September 26, 2005.

Kunze L. Expressive Arts Therapies. OSU MS Wellness Fair, Columbus, OH, October 5, 2005.

Kunze L.  Empowerment through Art. OSU CIM Community Series, Columbus, OH, November 12, 2005.


Kunze L.  Open Studio Art Therapy. OSU CIM Community Series, Columbus, OH, February 18, 2006.


Kunze L.  Open Studio Art Therapy. OSU CIM Community Series, Columbus, OH, April 29, 2006.


Kunze L.  Open Studio Art Therapy. OSU CIM Community Series, Columbus, OH, June 24, 2006.


Longenecker R.  Mad River Family Practice: A Story of a Stream in Rural Health Professions Education. Faculty Recognition Banquet, Mary Rutan Hospital, Bellefontaine, OH, July 18, 2005.

Longenecker R.  Faculty for Advance Life Support in Obstetrics. NEOUCOM, July 28-29, 2005, including the following lectures and workshops:
- Maternal Resuscitation
- Perineal Laceration Repair Workshop
- Malpresentations Workshop

Longenecker R.  Advisory Faculty, Advanced Life Support in Obstetrics. Mt. Carmel Hospital, Columbus, OH, September 15-16, 2005, including the following lectures and workshops:
- Fetal Monitoring Workshop
- Malpresentations Workshop

Longenecker R.  The Reflective Practitioner: The Keys to Life-long Learning and Refining a Seventh Competency in Practice. 7th Annual Compassion in Medicine Lecture, Susan H. Edwards Auditorium, Riverside Methodist Hospital, Columbus, OH, September 27, 2005.


Longenecker R.  Portfolios in Medical Education. Presentation at OAFP Faculty Development Day, Columbus, OH, March 24, 2006.


Manos D. Reiki Level 1. OSU CIM Community Series, Columbus, OH, October 1, 2005.


Mehta, B. Introduction to Herbs and Dietary Supplements. OSU CIM Community Series, Columbus, OH, July 25, 2005.

Coyle JD, Miser WF. Race Determines Appropriate Weight to Use in Cockroft-Gault Equation in Diabetic Patients. 2006 Ohio Family Medicine Symposium on Research and Education, Columbus, OH, March 25, 2006.


Miser WF. The Use of PowerPoint in Giving Dynamic Presentations. The Ohio State University Family Medicine Residency Program, Columbus, OH, July 15, 2005.

Miser WF. BNICE 101 – What Every Health Care Provider Should Know about Terrorism. Ambulatory Care Rotation Lecture Series, The Ohio State University College of Medicine, Columbus, OH, July 25, 2005.

Miser WF. What it Means to Be a Scholarly Family Physician. Family Medicine Residency Program, The Ohio State University College of Medicine, Columbus, OH, July 27, 2005.

Miser WF. You’ve Asked Your Question – Where Do You Go From Here? Basic Research Methodology and Survey Research. Family Medicine Residency Program, The Ohio State University College of Medicine, Columbus, OH, August 24, 2005.

Miser WF. Preparing the Research Protocol. Family Medicine Residency Program, The Ohio State University College of Medicine, Columbus, OH, September 26, 2005.

Miser WF. Introducing the OSU Primary Care Practice-Based Research Network. OSU Primary Care Research Institute, The Ohio State University College of Medicine, Columbus, OH, September 26, 2005.

Miser WF. Influenza Vaccination in Those with Asthma – A Proof of Concept Study. OSU Primary Care Research Institute, The Ohio State University College of Medicine, Columbus, OH, September 26, 2005.

Miser WF. BNICE 101 – What Every Health Care Provider Should Know about Terrorism. Ambulatory Care Rotation Lecture Series, The Ohio State University College of Medicine, Columbus, OH, October 25, 2005.

Miser WF. Dealing with the IRB and How to Get Money for Your Research Project. Family Medicine Residency Program, The Ohio State University College of Medicine, Columbus, OH, October 28, 2005.

Miser WF. The Ethics of Pharmacogenomics. Pharmacy Practice I, Pharmacy 661 Autumn Quarter, The Ohio State University College of Pharmacy, Columbus, OH, November 1, 2005.


Miser WF. The Management of Type 2 Diabetes – FOCUS on Quality. Department of Family Medicine, The Ohio State University College of Medicine, Columbus, OH, December 1, 2005.

Miser WF. Statistics 101. Family Medicine Residency Program, The Ohio State University College of Medicine, Columbus, OH, January 4, 2006.
Miser WF. BNICE 101 – What Every Health Care Provider Should Know about Terrorism. Ambulatory Care Rotation Lecture Series, The Ohio State University College of Medicine, Columbus, OH, January 23, 2006.

Miser WF. Getting Your Manuscript Published. The Ohio State University College of Medicine, Columbus, OH, March 22, 2006.

Miser WF. How to Shine During the Oral Presentation of Your Research. Family Medicine Residency Program, The Ohio State University College of Medicine, Columbus, OH, April 5, 2006.

Iqbal S, Miser WF, Dull P. Urinary Incontinence: Prevalence in a Family Practice Population. 7th Annual Department of Family Medicine Resident Research Symposium, The Ohio State University Department of Family Medicine, Columbus, OH, April 20, 2006.

Miser WF. BNICE 101 – What Every Health Care Provider Should Know about Terrorism. Ambulatory Care rotation Lecture Series, The Ohio State University College of Medicine, Columbus, OH, April 25, 2006.

Nilsson B, Niebauer B, Bright P. Massage Therapy at the OSU CIM. OSUMC PCRM Group, Columbus, OH, August 11, 2005.

Olejownik J. Yoga and Multiple Sclerosis MS Wellness Fair. OSU MS Wellness Fair, Columbus, OH, October 5, 2005.


Osinbowale O, Miser WF. How Do the Attitudes of Family Physicians toward Cancer Screening Affect the Practice of Screening for Cancer in Patients Age 55-69? Most Outstanding Resident Research Presentation AND Most Outstanding Research Presentation Award, 2006 Ohio Family Medicine Symposium on Research and Education, Columbus, OH, March 25, 2006.

Sharma H. Spontaneous Meditation. OSU CIM Community Series, Columbus, OH, August 4, 2005.

Sharma H. Introduction to Ayurveda. OSU CIM Community Series, Columbus, OH, August 15, 2005.

Sharma H. Introduction to Ayurveda. OSU CIM Community Series, Columbus, OH, November 10, 2005.


Sharma H. Spontaneous Meditation. OSU CIM Community Series, Columbus, OH, November 21, 2005.

Sharma H. Spontaneous Meditation. Workshop OSU CIM Community Series, Columbus, OH, June 1, 2006.


Sharma H. Introduction to Ayurveda. OSU CIM Community Series, Columbus, OH, June 15, 2006.

Simon J. APPS: Solution-Focused Brief Psychological Intervention. Family Medicine Residents (PGY2’s), Department of Family Medicine, Columbus, OH, January 11, 2006.

Simon J. APPS: Solution-Focused Brief Psychological Intervention. Family Medicine Residents (PGY3’s), Department of Family Medicine, Columbus, OH, January 18, 2006.

Simon J. APPS: Solution-Focused Brief Psychological Intervention. Family Medicine Residents (PGY1’s), Department of Family Medicine, Columbus, OH, February 1, 2006.

Simon J. APPS: Communication Process Repair (CPR) for Doctors. Family Medicine Residents (PGY 2’s), Department of Family Medicine, Columbus, OH, February 8, 2006.

Simon J. APPS: Communication Process Repair (CPR) for Doctors. Family Medicine Residents (PGY 1’s and 3’s), Department of Family Medicine, Columbus, OH, March 1, 2006.

Simon J. APPS: Anxiety Disorders and PTSD. Family Medicine Residents, Department of Family Medicine, Columbus, OH, March 8, 2006.
Simon J. APPS: Dissociative Disorders; Somatoform Disorders. Family Medicine Residents, Department of Family Medicine, Columbus, OH, March 29, 2006.

Simon J. APPS: Eating Disorders. Family Medicine Residents, Department of Family Medicine, Columbus, OH, April 5, 2006.

Simon J. APPS: Impulse-Control Disorders. Family Medicine Residents, Department of Family Medicine, Columbus, OH, April 19, 2006.

Simon J. APPS: Alcohol-Induced Disorders; Cocaine-Induced Disorders. Family Medicine Residents, Department of Family Medicine, Columbus, OH, May 3, 2006.

Simon J. APPS: Sleep Disorders. Family Medicine Residents, Department of Family Medicine, Columbus, OH, June 7, 2006.

Simon J. APPS: Adjustment Disorders. Family Medicine Residents, Department of Family Medicine, Columbus, OH, June 21, 2006.


Stone L. Professionalism. MD Camp, OSU College of Medicine, Columbus, OH, June 27, 2006.


Wang D. Introduction to Acupuncture. OSU CIM Community Series, Columbus, OH, July 20, 2005.


Wang D. Chinese Herbal Medicine. OSU CIM Community Series, Columbus, OH, October 31, 2005.

Wang D. Introduction to Acupuncture. OSU CIM Community Series, Columbus, OH, November 16, 2005.

Wang D. Acupuncture. OSU Internal Medicine Department, Columbus, OH, January 3, 2006.


Wang D. Introduction to Chinese Herbology. OSU Dietetics Group, Columbus, OH, March 2, 2006.


Wang D. Acupuncture. James Grand Rounds on Palliative Care, Columbus, OH, June 1, 2006.


Wang D. Introduction to Acupuncture. OSU Asian Pacific Medical Students Association, Columbus, OH, May 9, 2006.


Welker MJ.  Pay for Performance.  Columbus Medical Association, Columbus, OH, September 14, 2005.

Wexler R.  Winter Cardiovascular Update: Hypertension JNC 7 Do’s and Don’ts.  The Ohio State University, Columbus, OH, January 6, 2006


Awards
Miser WF.  Certificate of Appreciation, Ohio Departments of Mental Health and Alcohol and Drug Addiction Services, December 2005 “for contributions to the development of ‘Helping People Find Strength Following Disaster’,” a Curriculum for Behavioral Health Professionals, 2006.

Macerollo A.  Urban Family Physician of the Year, 2005-06.

Post DM.  Landacre Faculty Award. OSU Landacre Honor Society, OSU College of Medicine. 2005.

Continuing Medical Education
2005-06 was the inaugural year for a monthly continuing medical education program for the faculty and residents in the Department of Family Medicine. After surveying the faculty for their learning needs, the program was instituted. Invited lecturers within and outside the Department spoke on subjects pertinent to the work of a Family Physician.

The program for 2005-06 included:

July 2005  Acupuncture.  David Wang, MD, OSU Integrative Medicine
August 2005  The Science of Influence Applied to Medicine. Harrison Weed, MD, OSU Internal Medicine
September 2005  Professionalism.  Catherine Lucy, MD, OSU Internal Medicine
October 2005  The Clinical Breast Examination.  Doug Knutson, MD, OSU Family Medicine
November 2005  MRSA in the Community.  Julie Mangino, MD, OSU Internal Medicine
December 2005  Diabetes Mellitus - Outpatient Management.  W. Fred Miser, MD, OSU Family Medicine
January 2006  Hypertension.  Randy Wexler, MD, OSU Family Medicine
February 2006  Adolescent Behavioral Health.  Glenn Thomas, PhD, Columbus Children’s Hospital
March 2006  Abnormal LFTs.  Robert Kirkpatrick, III, MD, OSU Gastroenterology
April 2006  New CHF Guidelines.  William Abraham, MD, OSU Cardiology
May 2006  Osteoarthritis of the Knee.  James Borchers, MD, OSU Sports Medicine
June 2006  Outpatient Dermatology.  Mark Bechtel, MD, OSU Dermatology

The evaluations of the programs averaged 4.8 out of 5. With those results it was decided to continue the program into the 2006-07 academic year. The tentative program for 2006-07 is:

July 2006  Low Back Pain.  Donald LeMay, DO, OSU Sports Medicine
August 2006  Pediatric Asthma Management.  Beth Allen, MD, Columbus Children’s Hospital
September 2006  Diabetes Control in the United States.  Dara Schuster, MD, OSU Internal Medicine
October 2006  Metabolic Syndrome:  Fact or Fiction.  Rick E. Ricer, MD, University of Cincinnati Department of Family Medicine

November 2006  Osteoporosis.  Milisa Rizer, MD, OSU Family Medicine

December 2006  Weight Management.  Shirley Kendrick, PhD

January 2007  Lipid Management.  Scott Merryman, MD, OSU Family Medicine

February 2007  Psychiatric Issues in Primary Care.  Stephen Pariser, MD, OSU Psychiatry

March 2007  Appropriate Antibiotic Use.  Julie Mangino, MD, OSU Internal Medicine

April 2007  Care of the HIV Positive Patient.  Michael F. Para, MD, OSU Internal Medicine

May 2007  Pain Management.  Steve Severyn, MD, OSU Pain Management Services

June 2007  Outpatient Dermatology.  Mark Bechtal, MD, OSU Dermatology

The program awards CME credit under the direction of Ms. Joni Rehner. The program schedule is available on line at the OSU Continuing Education Website (http://ccme.osu.edu/cmeactivities/grandrounds). All family physicians, residents, and nurse practitioners are invited to join us at 7:00 am the first Thursday of every month in Room 233, Northwood and High Building (Rardin Family Practice Center).