



# Department of Internal Medicine Newsletter -- December 2011



## James O'Dell, 75th President of ACR

James O'Dell, MD, was elected to a one-year appointment as president to the American College of Rheumatology (ACR) at its annual meeting in Chicago in November. ACR is an international organization with more than 8,000 rheumatologists and rheumatology health-professional members.

Dr. O'Dell has served ACR by participating on committees including: Committee on Rheumatologic Care; Communications and Marketing Committee; committees that developed the ACR Guidelines for the Management of Rheumatoid Arthritis, published in 1996 and three subsequent updates; the Blue

Ribbon Committee on Access to Care; and the Strategic Planning Committee in 2000, 2004 and 2009. He chaired the Abstract Selection Committee for rheumatoid arthritis for the annual scientific meeting, the Rheumatology Treatment Study Group, the Clinical Research Subcommittee, the Rheumatoid Arthritis Clinical Trial Investigators Ad Hoc Task Force, the Research and Education Foundation, the Registry Task Force, and the Registry and Health Information Technology Committee.

Dr. O'Dell is the founder and director for the past 22 years of the Rheumatoid Arthritis Investigational Network (RAIN).

Continued on page 3

## Update: Patient-Centered Medical Home at Midtown Clinic

Several new initiatives have been adopted to move the "patient centered medical home" concept forward at Midtown Clinic.

Dr. Sarah Richards, ambulatory chief resident, said one new initiative is the "birthday visit." Patients get letters around their birthday reminding them to set up a birthday visit. The 40-minute visit is to discuss health care maintenance needs. When residents see birthday

visit on the schedule, they know to discuss medication lists, needed screenings or vaccinations and advanced directives with the patient.

Some new collaborative projects with other colleges are also occurring, Dr. Richards said. One is with the College of Pharmacy. Pharmacy residents (PharmD's) spend three half days a week at Midtown Clinic interacting with patients and medical residents. Prior to

Continued on page 4

# From the Chair



Internal Medicine Newsletter  
December 2011  
Inside this Issue

75th President ARC	1
Update on Medical Home	1
Message from the Chair	2
Research Briefs	4
Honors and Awards	5
Education Update	7
Clinical Update	8
New Faculty	9
Grants	10
Publications	11

**“It’s all about the people!”** To paraphrase a popular political slogan, it is all about our people. In this issue of our newsletter, we again feature individuals in our department who have continued to distinguish both themselves and the entire department through their activities in national, regional and local venues. Please take the time to review all the individual contributions and realize that every one of them reflects positively on the department as a whole.

As we face the coming year, it is tempting to concentrate on many of the potential changes on the horizon that could make our lives more difficult. We all know the challenges that health care reform, reduced NIH funding, increased regulatory requirements, altered resident work hours and decreasing education support present to us each day. It is during these times that we must look around and realize the strength of our department rests ultimately not in its programs or buildings, but rather in the character, ingenuity and compassion of the individual members of this department. I am delighted that we continue to add new faces to our faculty – such as Dr. Brian Lowes, who comes from the University of Colorado – and that our established faculty members continue to expand their influence in research and on the national stage.

**I want to express my thanks to every individual who is featured in this particular communication. I hope that you will join me in congratulating them on their accomplishments and new opportunities.**

A handwritten signature in black ink that reads "Lynell Wesson". The signature is written in a cursive, flowing style.

# O'Dell-75th President of ACR (continued from page 1)

The network conducts investigator-initiated trials to find better treatments for rheumatoid arthritis. This group pioneered the use of combination therapy to treat rheumatoid arthritis, was one of the first groups to describe genetic factors that predict response to therapy and compared the effectiveness of conventional therapy to biologics. Dr. O'Dell is also the principal investigator of a multinational VA-based Cooperative Study Program on rheumatoid arthritis.

His work has been published extensively in top journals in his field, as well as medical journals like the New England Journal of Medicine. He is currently the editor of Kelley's Textbook of Rheumatology and has been a co-editor for Arthritis & Rheumatism.

To add to his successes, Dr. O'Dell has also been the recipient of teaching excellence awards at UNMC, the ACP's Nebraska Chapter Laureate Award, UNMC's Distinguished Scientist Award

and the Department of Internal Medicine's Career Research Award.

Dr. O'Dell is the William W. Bruce, MD, Distinguished Chair of Rheumatology, professor of Internal Medicine, chief of the Division of Rheumatology and Immunology, vice chair for education and director of the Internal Medicine Residency Training Program, a position he has held for 27 years for a program that ranks first in the nation in ABIM pass rates.

---

## Update, Patient-Centered Medical Home at Midtown Clinic (continued from page 1)

their day at Midtown, the PharmD's identify patients coming in who have complicated medication lists. On the day of the appointment, the PharmD interviews those patients and provides feedback to the medical resident. There has been a lot of positive response to this team approach, Dr. Richards said.

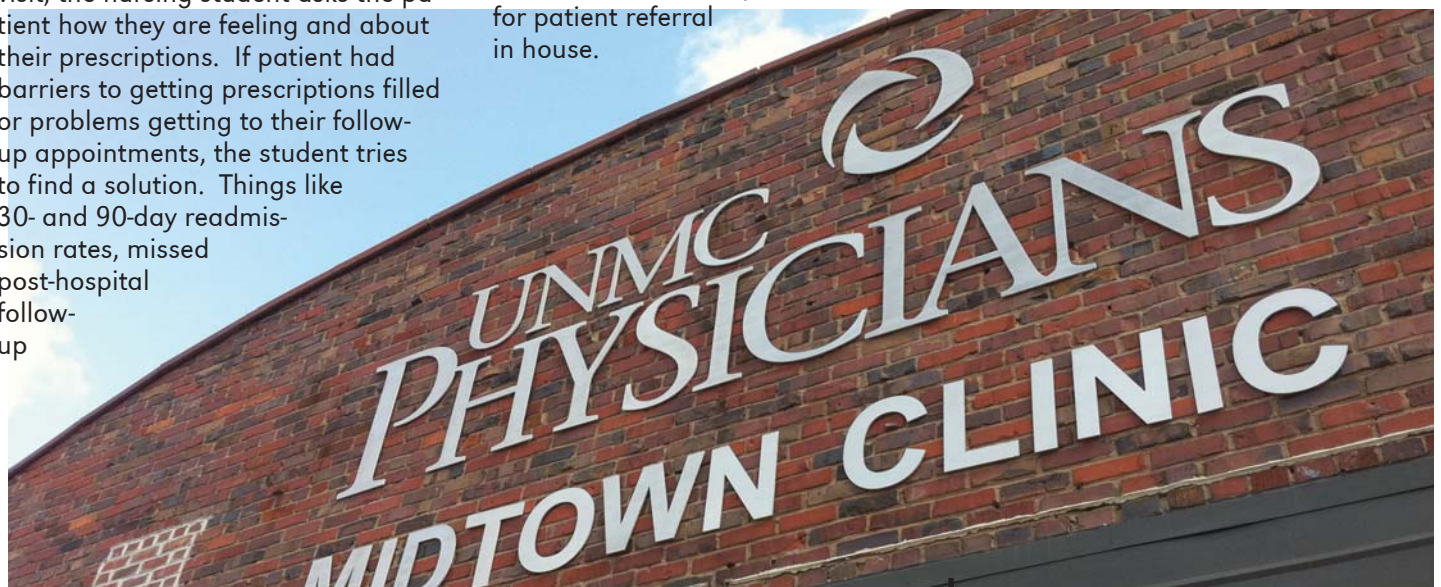
Another new collaboration is with the College of Nursing. Nursing students now see some Midtown Clinic patients between a hospital discharge and the patient's follow-up clinic appointment. At this home visit, the nursing student asks the patient how they are feeling and about their prescriptions. If patient had barriers to getting prescriptions filled or problems getting to their follow-up appointments, the student tries to find a solution. Things like 30- and 90-day readmission rates, missed post-hospital follow-up

appointments and ER visits of these patients are now tracked.

The onsite social worker has been part of the program from the beginning. She keeps very busy helping to provide underfunded patients with generic medications, money for non-generic drugs, bus tickets and taxi fare when needed, Dr. Richards said.

A new survey is given at check-in as part of a study conducted by Dr. Katherine Kueny, mental health practitioner. Patients who are at risk for depression are identified. If needed, there is an option for patient referral in house.

Finally, Dr. Andrew Vasey, assistant professor, General Internal Medicine, with IT assistance, is working on the application process to receive the National Committee for Quality Assurance's (NCQA) official Physician Practice Connections - Patient Centered Medical Home Recognition. He hopes to receive official confirmation in the beginning of 2012. If received, this recognition opens the doors for additional funding.



# Research Briefs



**Dr. Cyrus Desouza**, was recently notified that UNMC and the VA will function as one combined participating site in a large multi-

institutional study, "GRADE (Glycemia Reduction Approaches in Diabetes: A Comparative Effectiveness Study)." Dr Desouza will serve as the PI of this combined site. Other DEM faculty will serve as sub-site co-PI's or co-investigators.

The NIH/NIDDK-funded parent grant is held by George Washington University with Dr. John Lachin as overall PI. With an anticipated total recruitment of 7,500 participants, it is expected to have a major public health impact.

The GRADE study will randomize patients with recent-onset type 2 diabetes, and will compare the metabolic effects of five common anti-diabetic drugs when combined with metformin to determine the benefit of early combination therapy, as opposed to sequential therapy in drug-naïve subjects.

Phase I of this trial will go from April 2012 through March 2017, while phase II will go from April 2017 to March 2020. This site's goal is to enroll at least 150 eligible subjects.



**Dr. Kathleen Grant** is among several co-investigators listed on a large multidisciplinary collaborative effort funded by a Strategic

Research Cluster grant from the

University of Nebraska at Lincoln (UNL). The grant titled, "Substance Abuse and Violence Initiative (SAVI)" is to foster interdisciplinary collaboration and help build capacity and support development of large-scale projects through meetings, hosting of outside speakers and travel to external funding agencies. It is funded for two years. The overall PI is Dr. David DiLillo of UNL.



**Dr. Tricia LeVan**, recently was awarded her first four-year VA Merit Review grant titled, "Molecular Genetics of Pathogen Recognition Receptors in

COPD." Dr. LeVan said, the long-term research goal is to understand the complex biological processes underlying COPD in agricultural workers, which involve interactions driven by genetic polymorphisms, as well as by epigenetic modifications, both of which affect gene expression. The focus of this application is the interface between agricultural exposures and candidate gene pathways that may modulate the environmental effect.



**Dr. Benita McVicker**, was recently also awarded her first four-year VA Merit Review grant for her application titled, "Alcohol Alters Hepatic Immune

Function: Role of the Asialoglycoprotein Receptor." Dr. McVicker said, the goal of this research is to investigate the role hepatic asialoglycoprotein receptors have in the recognition and regulation of liver immune cells in disease states, particularly, alcoholic liver disease.



**Dr. James O'Dell** recently presented data on the validation of Methotrexate (MTX) as the first strategy in early rheumatoid arthritis at the American

College of Rheumatology's Annual Scientific Meeting. The information comes from a subgroup of patient data from the original Treatment of Early Aggressive Rheumatoid Arthritis (TEAR) study that included 755 subjects overall.

Half of the patients in that study started out with Methotrexate alone and 30% of those patients did extremely well, Dr. O'Dell said. They did not need any other therapies during the two years of the trial.

He also said this goes against what some rheumatologists had thought, that everybody needs a combination of medicines to do well.

No previous data from blinded, randomized trials was available comparing the use of MTX monotherapy as the first intervention in rheumatoid arthritis compared to initial combination therapy or the consequence of delaying combination therapy. These patients had aggressive, poor prognosis but did extremely well both clinically and radiographically, Dr. O'Dell said. Patients who needed add-on therapy were clinically indistinguishable three months after the additional therapy and radiographically indistinguishable at two years compared to those who received immediate combination therapy.

# Research Briefs continued



**Dr. Jill Poole**, traveled to Boston in November to receive an award of \$50,000 from the American College of Allergy, Asthma and Immunology

to study “The Role of Vitamin D in Chronic Urticaria and Angioedema Treatment.” **Dr. Whitney Goldner** is a co-investigator.



**Dr. Stephen Rennard** was the senior author of an article published in the September 26, online issue of the New England Journal of Medicine

titled “Susceptibility to exacerbation in chronic obstructive pulmonary disease.” Significant findings came from this three-year observational study of 2,163 patients, supported by a grant from GlaxoSmithKline.

“This is the first study to show definitively that COPD does not always get worse,” Dr. Rennard said. “The key

message is that it’s not hopelessly progressive in everyone.”

Another key finding showed patients with moderately severe COPD on average lose lung function more quickly than those who have severe COPD. The study findings could change the focus of treatment, Dr. Rennard said. “Drug development to slow the disease has been aimed primarily at those with severe disease, when those with moderate disease are losing lung function faster.”

Dr. Rennard said the question now is whether therapy should be implemented earlier in the course of the disease.

---

## Honors and Awards



**Dr. Cyrus Desouza**, chief, Division of Endocrinology and Metabolism, was invited to participate in the American Diabetes Association’s (ADA)

National Professional Practice Committee for a two-year term starting January 1, 2012. The Practice Committee sets the international clinical guidelines for the treatment of diabetes, which is considered standard of care everywhere. The guidelines were last published in “Standards of Care in Diabetes,” *Diabetes Care*, Vol. 33, Suppl 1, January 2010.



**Dr. Andre Kalil**, Division of Infectious Diseases, recently completed the UNMC Masters in Public Health program with concentrations in

both Biostatistics and Epidemiology. Each concentration requires 12 credit hours of course work, in addition to core-curriculum course work.



**James O’Dell, MD**, was recently named the first recipient of the William W. Bruce MD, Distinguished

Chair of Rheumatology, established this year by the Dr. William and Lois Bruce Chair and Research Fund. Dr. O’Dell is an internationally-known academic rheumatologist, who has established a career as a leading expert in the therapy of rheumatoid arthritis, concepts of clinical trial design and development of investigative networks that utilize academic/private practice interaction. His work will continue fulfillment of the intent of the Bruces in establishing the fund by advancing excellence in academic medicine and stimulating, cutting-edge research .

# Honors and Awards continued



*Dr. Klassen (at right) receives Laureate Award*

At the regional American College of Physicians meeting in Jackson Hole, Wyoming, earlier this fall, **Dr. Craig Piquette**, Division of Pulmonary, Critical Care, Sleep and Allergy, received the LeeRoy Meyer Teaching Award from the Nebraska ACP Chapter, and **Dr. Lynell Klassen** received the Laureate Award.



**Lisa Runco**, administrator, Department of Internal Medicine was the recipient of a UNMC Gold 'U' award. The Gold U Award recognizes members of the UNMC who consistently deliver outstanding performance and service.



**Dr. Chad Vokoun**, Division of General Internal Medicine, was honored by his undergraduate alma mater at the University of Nebraska at Kearney during their 31st annual homecoming awards banquet. Dr. Vokoun was the recipient of the Distinguished Young Alumnus Award.

## Congratulations – Infectious Diseases!!

**<<<Approval was granted from ACGME for a UNMC Infectious Diseases Fellowship Program.  
The first fellow will start in July 2012. >>>**

# Education Updates

## Change to House Officer and Fellow Work Hours

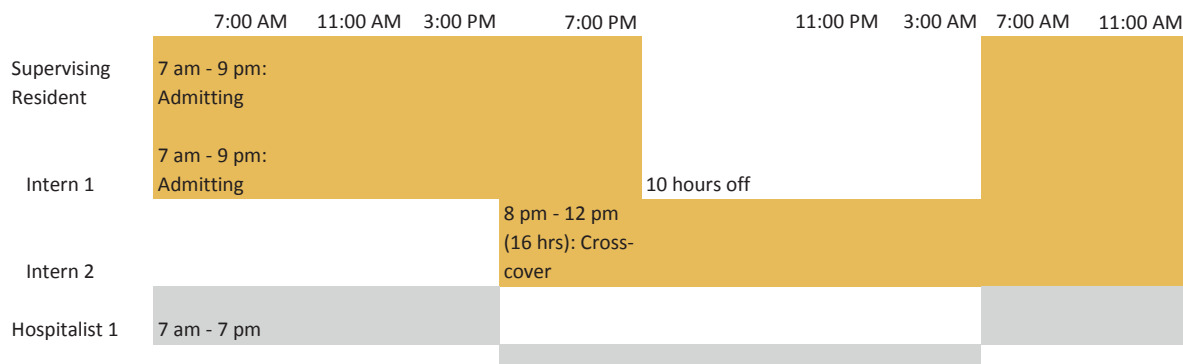
As of July 1, 2011, the Accreditation Council for Graduate Medical Education (ACGME) imposed new restrictions on work/duty hours for pre-interns, house officers and fellows. Work hours for first-year residents (PGY-1s or interns) went from 30 consecutive hours to 16. Work hours of second-year residents (PGY-2s) and above may be scheduled to a maximum of 28 hours of continuous duty in the hospital. ACGME also now requires minimum time off between scheduled periods of duty. Interns should have 10 hours and must have eight hours duty free between scheduled duty periods. Interns should have 10 hours and must have eight hours duty free between scheduled duty periods.

These changes are part of ACGME's continual efforts to assure that programs and sponsoring institutions educate residents with the utmost of patient safety in mind. These restrictions were implemented to assure that residents appear for duty appropriately rested and fit to provide the service required by their patients.

UNMC Internal Medicine chief resident, Chris Smith, MD, said interns can no longer take call from home either. They must stay in-house for call within the restriction of the 16 hours. The cut in intern duty hours to about half of the hours previously allowed required forethought and a creative approach in scheduling to maintain resident education, patient safety and continuity of care. A few tweaks were also made based on on-going resident feedback and work hour monitoring. Dr. Smith said they have been successful in meeting their goals.

Now, residents only process overnight admissions on weekends. They rely on hospitalists or hospital staff to process overnight admissions during the week. They have also made an effort to improve the quality of the hand-off of care to preempt any adverse effects. Dr. Smith created a curriculum to streamline a safe, efficient patient hand off. A daily team hand-off meeting is now held to go over transition of care. Records are viewed electronically and required edits are made immediately. This helps everyone to stay accurately informed.

Although changes were made to duty hour restrictions for intermediate and upper level residents, they were not as drastic. To comply with these changes, divisions have the leeway to handle coverage for their subspecialties in whatever manner they can to make scheduling work within the restrictions.



**New Work Hour Scheduling Model**

# Clinical Update

---



**Dr. Phyllis Nsiah-Kumi**, Division of General Internal Medicine, is co-investigator on a grant from the Nebraska Affiliate of the Susan G. Komen for the Cure organization. She helped put together the curriculum to train “navigators” help breast cancer patients deal with the many aspects of treating their disease and improve their health literacy, thereby allowing them to make better decisions. The

principal investigator of the grant is Dr. Dr. Ebidaldo Silva of surgical oncology.

---

So far, there are 11 trained navigators, and a plan to train a total of 60. The navigators do everything from go to appointments and treatment sessions with patients, to inform them of medical standards of best practices for their situations. This program serves breast cancer patients seen at any hospital or clinic in Douglas County.

## New Service At Bellevue Medical Center

**O**ncology services are the latest to be added to the Bellevue Medical Office Building at 25th Street and Highway 370. Drs. Alissa Marr, Elizabeth Reed, James Schwarz and Shanmuga Subbiah are now seeing patients there, with a potential to add providers if needed.

There will also be an onsite chemotherapy infusion center at this facility. The clinic is open from 8 a.m. to 5 p.m. Monday through Friday, and the infusion center is open from 7 a.m. to 5 p.m. Monday through Friday. Call 402-559-5600 to make a referral.



## Resident-Organized Holiday Fundraiser

Each year, the Internal Medicine Resident-Run Clinic, Midtown Physicians Clinic, organizes a fundraiser to assist some of the less fortunate patients seen at the clinic. A raffle is conducted and the money raised is used to adopt clinic families for Christmas. The money helps pay for transportation to clinic appointments, medications and other medical necessities. Several divisions of Internal Medicine are also involved and adopt families for the holidays. All recipients are most deserving and very grateful for the extra help. For information on how to donate, contact Dr. Sarah Richards, ambulatory chief resident at [serichards@unmc.edu](mailto:serichards@unmc.edu) or 402-559-7268.

# Sharing Clinic



Did you know that UNMC's SHARING Clinic is the only clinic in the nation run and staffed by students from every health-professional college? It opened in 1997 to provide primary health care to underprivileged populations in South Omaha. Located at 804 S. 52nd St., in the UNMC Specialty Care Center, the SHARING clinic

has utilized the services of over 500 volunteers to provide medical care to over 1,400 patients per year.

The RESPECT clinic opened in 2001, in response to growing concerns over the spread of sexuality-transmitted diseases (STD). The clinic meets weekly at the UNMC Community Health Center to provide HIV and STD testing, counseling and preventative education.

The GOODLIFE clinic opened in 2002, to address the primary care needs of patients with type II diabetes, particularly in North Omaha. It operates on the second

Wednesday of each month at UNMC's Baker Place Clinic at 5050 Ames Avenue.

These three clinics would love to have more volunteer faculty. "Ideally, we like faculty to volunteer once every one to two months, but we will accommodate anyone's schedule or ability to volunteer," Jim Medder, MD, MPH, director of the clinics, said.

To volunteer, contact Dr. Medder at 402 559-6271 or [jmedder@unmc.edu](mailto:jmedder@unmc.edu), or Jason Vitek, student faculty recruiter, at [jason.vitek@unmc.edu](mailto:jason.vitek@unmc.edu)

## What's involved?

- **Sharing Clinic starts about 6 p.m.**
- **Is over about 9 p.m.**
- **Faculty generally staff 3 to 4 patients/evening**
- **Students complete the H&P**
- **Faculty review/approve H&P findings, fill prescriptions and order tests**
- **Students write up the encounter as a SOAP note for the medical record**

## New Faculty



**Brian Lowes, MD**, professor, Division of Cardiology, received his medical degree from Wayne State University School of Medicine in Detroit, then obtained a PhD in Clinical Science from the University of Colorado at Denver. He completed residency, a fellowship in cardiology and a fellowship in heart failure and transplant from the University of Colorado, as well. He comes to UNMC with 16 years experience as faculty at the University of Colorado Health Sciences Center. Dr. Lowes will have clinic on Tuesday afternoon and will conduct research. Dr. Lowes started on November 21, 2011.



**Shanmuga Subbiah, MD**, assistant professor, Division of Oncology/Hematology, received an MBBS from Chennai Medical College, Chennai, India. He completed an Internal Medicine residency and Hematology/Oncology fellowship at Case Western Reserve University in Cleveland. He is Board certified in medical oncology and hematology. Dr. Subbiah comes to UNMC from Creighton University where he was an assistant professor in the Department of Hematology/Oncology.

He specializes in the treatment of gastrointestinal malignancies, especially pancreatic. He will attend on the general oncology in-patient service and interact with rotating internal medicine residents and with oncology/hematology fellows as a didactic teacher. His clinic hours are: Monday, 8:30-noon, Peggy Cowdery Patient Care Center; Tuesday and Thursday, 1-5 p.m., VA Medical Center; Friday 1-5 p.m., Bellevue Medical Center.

# Internal Medicine Grant Activity - Sept. - Nov. 2011



Proposal Title, Sponsor, Investigator, Dates, Direct Costs, Indirect Costs, Total Costs

AIDS Drug Assistance Program [ADAP] Ryan White Title II Program, NE DHHS, **Swindells, Susan**, 11/01/11-03/31/12, \$920,352, \$0, \$920,352

Evaluation of Increasing Daptomycin Resistance in Enterococcus Faecium, Cubist Pharmaceuticals, Inc, **Vanschooneveld, Trevor Craig**, 09/14/11-09/13/12, \$70,180, \$18,117, \$88,297

Randomized, Open Label, Multicenter Phase III Study of Efficacy and Safety in Polycythemia Vera Subjects who are Resistant to or Intolerant of Hydroxyurea: JAK inhibitor INC424 Tablets versus best available care (The RESPONSE Trial), Incyte Corporation, **Rajan, Sandeep Kumar**, 10/12/11-10/11/13, \$67,381, \$16,999, \$84,380

CF CenterCare: A Comprehensive Web-based Database System, Cystic Fibrosis Foundation, **Murphy, P. James**, 11/01/11-10/31/12, \$25,000, \$2,000, \$27,000

HICAHS Bioaerosols Subcontract, Colorado State University, **Poole, Jill Adair**, 09/15/11-09/14/12, \$15,000, \$7,275, \$22,275

The Role of Vitamin D in Chronic Urticaria and Angioedema Treatment, Foundation of the ACAAI, **Poole, Jill Adair**, 11/01/11-10/31/12, \$50,000, \$0, \$50,000

PIPF-016: A Randomized, Double-Blind, Placebo-Controlled, Phase 3 Study of the Efficacy and Safety of Pirfenidone in Patients with Idiopathic Pulmonary Fibrosis, InterMune, Inc., **Thompson, Austin Bassett**, 11/09/11-11/08/12, \$70,389, \$17,781, \$88,170

Dissection of the ACPA Response in African-Americans with Rheumatoid Arthritis, University of Alabama - Birmingham, **Mikuls, Ted Richard**, 09/01/11-08/31/12, \$22,838, \$11,076, \$33,914

Utilization of Magnetic Resonance Imaging to Evaluate Ultrasound and Microbubble-Guided Therapies Targeted to the Cerebral and Coronary Circulation Project, Philips Medical Systems MR, Inc., **Porter, Thomas Richard**, 09/01/11-08/31/14, \$196,863, \$51,184, \$248,047

Sonolysis in Acute Coronary Syndromes, DHHS/NIH/NIBIB, **Xie, Feng**, 09/01/11-08/31/12, \$376,571, \$171,662, \$548,233

A Phase III, Double-Blind, Randomized, Placebo-Controlled, Multicenter Clinical Trial to Study the Safety, Tolerability, Efficacy, and Immunogenicity of V212 in Recipients of Autologous Hematopoietic Cell Transplants (HCTs), Merck & Co, Inc., **Freifeld, Alison Gail**, 09/23/11-09/22/13, \$72,683, \$19,791, \$92,474

The Nebraska Center for Bioterrorism Education, NE DHHS, **Smith, Philip Welsch**, 10/01/10-08/09/11, \$25,000, \$0, \$25,000

A Multicenter, Randomized, Double-blind, Comparative Trial of Maraviroc + Darunavir/Ritonavir Versus Emtricitabine/Tenofovir + Darunavir/Ritonavir for the Treatment of Antiretroviral-Naïve HIV-Infected Patients with CCR5-TROPIC HIV-1, ViiV Healthcare Limited, **Swindells, Susan**, 09/16/11-09/15/12, \$73,750, \$18,655, \$92,405

# Internal Medicine Faculty Publications - Sept. - Nov. 2011



PubMed#, Author Name, Department, Author List, Manuscript or Chapter Title, Book Title, Journal Short Name, Volume, (Issue), Pages, Year

22130119, Pulmonary, Michalski JM, Golden G, Ikari J, **Rennard SI**, PDE4: A Novel Target in the Treatment of Chronic Obstructive Pulmonary Disease. *Clinical pharmacology and therapeutics*, 2011

22126739, Infectious Diseases, Dooley KE, Park JG, **Swindells S**, Allen R, Haas DW, Cramer Y, Aweeka F, Wiggins I, Gupta A, Lizak P, Qasba S, van Heeswijk R, Flexner C, the ACTG 5267 Study Team, Safety, tolerability, and pharmacokinetic interactions of the antituberculous agent TMC207 (bedaquiline) with efavirenz in healthy volunteers: AIDS Clinical Trials Group study A5267. *Journal of acquired immune deficiency syndromes (1999)*, 2011

22124952, Infectious Diseases, **Florescu DF**, McCartney AM, Qiu F, Langnas AN, Botha J, Mercer DF, Grant W, **Kalil AC**, Staphylococcus aureus infections after liver transplantation. *Infection*, 2011

22118432, Oncology/Hematology, **Vose JM**, Intensified chemotherapy for diffuse large B-cell lymphomas. *Lancet*, 378, 9806, 1828-9, 2011

22114149, Pulmonary, **Oldenburg PJ**, **Poole JA**, **Sisson JH**, Alcohol reduces airway hyperresponsiveness (AHR) and allergic airway inflammation in mice. *American journal of physiology. Lung cellular and molecular physiology*, 2011

22110982, Oncology/Hematology, Wang J, Wang FW, Hemstreet GP, Younger age is an independent predictor for poor survival in patients with signet ring prostate carcinoma. *Prostate cancer*, *Prostate Cancer*, 2011, 216169, 2011

22109844, Pulmonary, Liu L, Yannam GR, Nishikawa T, Yamamoto T, **Basma H**, Ito R, Nagaya M, Dutta-Moscato J, Stolz DB, Duan F, Kaestner KH, Vodovotz Y, Soto-Gutierrez A, Fox IJ, The microenvironment in hepatocyte regeneration and function in rats with advanced cirrhosis. *Hepatology (Baltimore, Md.)*, 2011

22107253, Infectious Diseases, **Florescu DF**, Grant W, Botha JF, Fey P, **Kalil AC**, Should Multivisceral Transplantation Be Considered in Patients Colonized with Multidrug-Resistant Pseudomonas aeruginosa? Microbial drug resistance (Larchmont, N.Y.), 2011

22096375, Pulmonary, Kanaji N, Sato T, Nelson A, Wang X, Li Y, Kim M, Nakanishi M, **Basma H**, Michalski J, Farid M, Chandler M, Pease W, Patil A, **Rennard SI**, **Liu X**, Inflammatory cytokines regulate endothelial cell survival and tissue repair functions via NF- $\kappa$ B signaling. *Journal of inflammation research, J Inflamm Res*, 4, 127-38, 2011

22095875, GI, Shepard BD, **Tuma DJ**, Tuma PL, Lysine acetylation induced by chronic ethanol consumption impairs dynamin-mediated clathrin-coated vesicle release. *Hepatology (Baltimore, Md.)*, 2011

22094627, Infectious Diseases, **Florescu DF**, Qiu F, Mercer DF, Langnas AN, Shafer LR, **Kalil AC**, Risk Factors for Systemic Candida Infections in Pediatric Small Bowel Transplant Recipients. *The Pediatric infectious disease*, 2011

22089466, Rheumatology, **Michaud K**, Vera-Llonch M, Oster G, Mortality Risk by Functional Status and Health-related Quality of Life in Patients with Rheumatoid Arthritis. *The Journal of rheumatology*, 2011

22084959, Pulmonary, Balas MC, Chaperon C, **Sisson JH**, Bonasera S, Hertzog M, **Potter J**, Peterson D, McVay W, Gorman J, Burke WJ, Transitions Experienced by Older Survivors of Critical Care. *Journal of gerontological nursing*, 1-12, 2011

22080838, Pulmonary, Cho MH, Castaldi PJ, Wan ES, Siedlinski M, Hersh CP, Demeo DL, Himes BE, Sylvia JS, Klanderma BJ, Ziniti JP, Lange C, Litonjua AA, Sparrow D, Regan EA, Make BJ, Hokanson JE, Murray T, Hetmanski JB, Pillai SG, Kong X, Anderson WH, Tal-Singer R, Lomas DA, Coxson HO, Edwards LD, Macnee W, Vestbo J, Yates JC, Agusti A, Calverley PM, Celli B, Crim C, **Rennard S**, Wouters E, Bakke P, Gulsvik A, Crapo JD, Beaty TH, Silverman EK, on behalf of the ICGN, ECLIPSE, A genome-wide association study of COPD identifies a susceptibility locus on chromosome 19q13. *Human molecular genetics*, 2011

22080588, Pulmonary, **Rennard S**, Hughes J, Cinciripini PM, Kralikova E, Raupach T, Arteaga C, Aubin LB, Russ C, for the Flexible Quit Date Study, A Randomized Placebo-Controlled Trial of Varenicline for Smoking Cessation Allowing Flexible Quit Dates. *Nicotine & tobacco research: official journal of the Society for Research on Nicotine and Tobacco*, 2011

# Internal Medicine Faculty Publications - Sept. - Nov. 2011

22079472, Oncology/Hematology, **Bierman PJ, Armitage JO**, Transplantation for Lymphoma: Good for the Brain as Well as the Body? Biology of blood and marrow transplantation: journal of the American Society for Blood and Marrow Transplantation, 2011

22056656, Oncology/Hematology, Benson AB, Arnoletti JP, Bekaii-Saab T, Chan E, Chen YJ, Choti MA, Cooper HS, Dilawari RA, Engstrom PF, Enzinger PC, Fleshman JW, Fuchs CS, **Grem JL**, Knol JA, Leong LA, Lin E, May KS, Mulcahy MF, Murphy K, Rohren E, Ryan DP, Saltz L, Sharma S, Shibata D, Skibber JM, Small W, Sofocleous CT, Venook AP, Willett C, Colon cancer. Journal of the National Comprehensive Cancer Network: JNCCN, J Natl Compr Canc Netw, 9, 11, 1238-90, 2011

22056512, Administration, **Anderson DR**, Duryee MJ, Garvin RP, Boska MD, **Thiele GM, Klassen LW**, A method for the making and utility of gadolinium-labeled albumin microbubbles. Magnetic resonance imaging, 2011

21947831, Oncology/Hematology, **Vose JM**, Relapsed diffuse large B-cell lymphoma: clinical utility of cell of origin. Journal of clinical oncology: official journal of the American Society of Clinical Oncology, J. Clin. Oncol. 29, 31, 4065-6, 2011

21946702, Cardiology, **Porter TR**, Adolphson M, High RR, Smith LM, Olson J, Erdkamp M, **Xie F, O'Leary E**, Wong BF, Eifert-Rain S, Hagen ME, Abdelmoneim SS, Mulvagh SL, Rapid detection of coronary artery stenoses with real-time perfusion echocardiography during regadenoson stress. Circulation. Cardiovascular imaging, Circ Cardiovasc Imaging, 4, 6, 628-35, 2011

21923862, Oncology/Hematology, Tuljapurkar SR, McGuire TR, Brusnahan SK, Jackson JD, Garvin KL, **Kessinger MA**, Lane JT, O' Kane BJ, Sharp JG, Changes in human bone marrow fat content associated with changes in hematopoietic stem cell numbers and cytokine levels with aging. Journal of anatomy, J. Anat. 219, 5, 574-81, 2011

21901025, Oncology/Hematology, McGuire TR, Brusnahan SK, Bilek LD, Jackson JD, **Kessinger MA**, Berger AM, Garvin KL, O'Kane BJ, Tuljapurkar SR, Sharp JG, Inflammation associated with obesity: relationship with blood and bone marrow endothelial cells. Obesity (Silver Spring, Md.), Obesity (Silver Spring), 19, 11, 2130-6, 2011

21898531, Oncology/Hematology, Steuter J, Weisenburger DD, **Bociek RG, Bierman P, Vose J, Bast M, Loberiza F, Armitage JO**, Non-Hodgkin lymphoma of the prostate.

American journal of hematology, Am. J. Hematol. 86, 11, 952-4, 2011

21877925, Geriatrics, Gonsalves WI, Tashi T, Krishnamurthy J, Davies T, Ortman S, Thota R, Aldoss I, Ganta A, Kalaiah M, Didwaniya N, **Eberle C, Ganti AK**, Silberstein PT, **Subbiah S**, Effect of Palliative Care Services on the Aggressiveness of End-of-Life Care in the Veterans Affairs Cancer Population. Journal of palliative medicine, J Palliat Med, 14, 11, 1231-5, 2011

21337344, Oncology/Hematology, Gonsalves WI, Kanuri S, Tashi T, Aldoss I, Sama A, Al-Howaidi I, Ganta A, Kalaiah M, Thota R, Krishnamurthy J, Fang X, Townley P, **Ganti AK, Subbiah S**, Silberstein PT, Clinicopathologic factors associated with lymph node retrieval in resectable colon cancer: A veterans affairs central cancer registry (VACCR) database analysis. Journal of surgical oncology, J Surg Oncol, 104, 6, 667-71, 2011

22087779, Geriatrics, Jones KJ, **Vandenberg EV**, Bottsford L, Prevalence, formation, maintenance, and evaluation of interdisciplinary student aging interest groups. Gerontology & geriatrics education, Gerontol Geriatr Educ, 32, 4, 321-41, 2011

22033267, Pulmonary, D'Alessandro-Gabazza CN, Kobayashi T, Boveda D, Takagi T, Toda M, Gil-Bernabe P, Miyake Y, Yasukawa A, Matsuda Y, Suzuki N, Saito H, Yano Y, Fukuda A, Hasegawa T, Toyobuku H, **Rennard SI**, Wagner PD, Morser J, Takei Y, Taguchi O, Gabazza EC, Development and Preclinical Efficacy of Novel Transforming Growth Factor- $\beta$ 1 siRNAs for Pulmonary Fibrosis. American journal of respiratory cell and molecular biology, 2011

22021175, Pulmonary, Fiedler SE, **Sisson JH, Wyatt TA**, Pavlik JA, Gambling TM, Carson JL, Carr DW, Loss of ASP but not ROPN1 reduces mammalian ciliary motility. Cytoskeleton (Hoboken, N.J.), 2011

22019791, General Medicine, **Nsiah-Kumi PA**, Erickson JM, Beals JL, Ogle EA, Whiting M, Brushbreaker C, Borgeson CD, Qui F, Yu F, **Larsen JL**, Vitamin D Insufficiency Is Associated With Diabetes Risk in Native American Children. Clinical pediatrics, 2011

22010914, Infectious Diseases, Havlir DV, Kendall MA, Ive P, Kumwenda J, **Swindells S**, Qasba SS, Luetkemeyer AF, Hogg E, Rooney JF, Wu X, Hosseinipour MC, Lalloo U, Veloso VG, Some FF, Kumarasamy N, Padayatchi N, Santos BR, Reid S, Hakim J, Mohapi L, Mugenyi P, Sanchez J, Lama JR, Pape JW, Sanchez A, Asmelash A, Moko E, Sawe F, Andersen J, Sanne I, AIDS Clinical Trials Group Stu, Timing of antiretroviral therapy for

# Internal Medicine Faculty Publications - Sept. - Nov. 2011

HIV-1 infection and tuberculosis. The New England journal of medicine, N. Engl. J. Med. 365, 16, 1482-91, 2011

22010599, Infectious Diseases, **Smith PW**, Hansen K, Sayles H, Brodersen B, Medcalf S, A long-term care facility pandemic influenza preparedness planning assessment tool. American journal of disaster medicine, Am J Disaster Med, 6, 4, 219-30, 2011

22009820, Oncology/Hematology, Gu K, Weisenburger DD, Fu K, Chan WC, Greiner TC, Aoun P, Smith LM, Bast M, Liu Z, **Bociek RG, Bierman PJ, Armitage JO, Vose JM**, Cell of origin fails to predict survival in patients with diffuse large B-cell lymphoma treated with autologous hematopoietic stem cell transplantation. Hematological oncology, 2011

22008667, Rheumatology, Smith CJ, Sayles H, **Mikuls TR, Michaud K**, Minocycline and doxycycline therapy in community patients with rheumatoid arthritis: prescribing patterns, patient-level determinants of use, and patient-reported side effects. Arthritis research & therapy, 13, 5, R168, 2011

22006123, Oncology/Hematology, Cheson BD, Bartlett NL, **Vose JM**, Lopez-Hernandez A, Seiz AL, Keating AT, Shamsili S, A phase II study of the survivin suppressant YM155 in patients with refractory diffuse large B-cell lymphoma. Cancer, 2011

22000355, Infectious Diseases, Park BJ, Pappas PG, Wannemuehler KA, Alexander BD, Anaissie EJ, Andes DR, Baddley JW, Brown JM, Brumble LM, **Freifeld AG**, Hadley S, Herwaldt L, Ito JI, Kauffman CA, Lyon GM, Marr KA, Morrison VA, Papanicolaou G, Patterson TF, Perl TM, Schuster MG, Walker R, Wingard JR, Walsh TJ, Kontoyiannis DP, Invasive non-Aspergillus mold infections in transplant recipients, United States, 2001-2006. Emerging infectious diseases, Emerging Infect. Dis. 17, 10, 1855-64, 2011

21989592, Rheumatology, **Mikuls TR, Levan T**, Gould KA, Yu F, **Thiele GM**, Bynote KK, Conn D, Jonas BL, Callahan LF, Smith E, Brasington R, Moreland LW, Reynolds R, Gaffo A, Bridges SL, Interactions of cigarette smoking with NAT2 polymorphisms impact rheumatoid arthritis risk in African Americans. Arthritis and rheumatism, 2011

21982887, Oncology/Hematology, William BM, Harbert T, **Ganti AK, Bierman PJ**, Small lymphocytic lymphoma in a patient with CREST syndrome. Hematology/oncology and stem cell therapy, Hematol Oncol Stem Cell Ther, 4, 3, 132-5, 2011

21975911, Oncology/Hematology, Kalemkerian GP, Akerley W, Bogner P, Borghaei H, Chow L, Downey RJ, Gandhi L, **Ganti AK**, Govindan R, Greco JC, Hayman J, Heist RS, Horn L, Jahan TM, Koczywas M, Moran CA, Niell HB, O'Malley J, Patel JD, Ready N, Rudin CM, Williams CC, Small cell lung cancer. Journal of the National Comprehensive Cancer Network: JNCCN, J Natl Compr Canc Netw, 9, 10, 1086-113, 2011

21969047, DEM, Rosenthal LJ, **Goldner WS**, O'Reardon JP, T3 augmentation in major depressive disorder: safety considerations. The American journal of psychiatry, Am J Psychiatry, 168, 10, 1035-40, 2011

21931028, Infectious Diseases, **Freifeld AG**, Sepkowitz KA, No place like home? Outpatient management of patients with febrile neutropenia and low risk. Journal of clinical oncology: official journal of the American Society of Clinical Oncology, J. Clin. Oncol. 29, 30, 3952-4, 2011

21881118, Infectious Diseases, Loeb M, Eskandarian S, **Rupp M**, Fishman N, Gasink L, Patterson J, Bramson J, Hudson TJ, Lemire M, Genetic variants and susceptibility to neurological complications following west nile virus infection. The Journal of infectious diseases, J. Infect. Dis. 204, 7, 1031-7, 2011

21785978, Rheumatology, Hoovestol RA, **Mikuls TR**, Environmental exposures and rheumatoid arthritis risk. Current rheumatology reports, Curr Rheumatol Rep, 13, 5, 431-9, 2011

21163806, Pulmonary, Castaldi PJ, Demeo DL, Hersh CP, Lomas DA, Soerheim IC, Gulsvik A, Bakke P, **Rennard S**, Pare P, Vestbo J, AATGM Investigators, ICGN Investigators, Silverman EK, Impact of non-linear smoking effects on the identification of gene-by-smoking interactions in COPD genetics studies. Thorax, Thorax, 66, 10, 903-9, 2011

22093368, Infectious Diseases, Vergidis P, Walker RC, Kaul DR, Kauffman CA, **Freifeld AG**, Slagle DC, Kressel AB, Wheat LJ, False-positive Aspergillus galactomannan assay in solid organ transplant recipients with histoplasmosis. Transplant infectious disease: an official journal of the Transplantation Society, 2011

21991892, Pulmonary, Vestbo J, Edwards LD, Scanlon PD, Yates JC, Agusti A, Bakke P, Calverley PM, Celli B, Coxson HO, Crim C, Lomas DA, MacNee W, Miller BE, Silverman EK, Tal-Singer R, Wouters E, **Rennard SI**, ECLIPSE Investigators, Changes in forced expiratory volume in 1 second over time in COPD. The New England journal of medicine, N. Engl. J. Med. 365, 13, 1184-92, 2011

# Internal Medicine Faculty Publications - Sept. - Nov. 2011

21963623, Infectious Diseases, **Florescu DF**, Pergam SA, Neely MN, Qiu F, Johnston C, Way SS, Sande J, Lewinsohn DA, Guzman-Cottrill JA, Graham ML, Papanicolaou G, Kurtzberg J, Rigdon J, Painter W, Mommeja-Marin H, Lanier R, Anderson M, van der Horst C, Safety and Efficacy of CMX001 as Salvage Therapy for Severe Adenovirus Infections in Immunocompromised Patients. *Biology of blood and marrow transplantation: journal of the American Society for Blood and Marrow Transplantation*, 2011

21958604, Pulmonary, **Wyatt TA**, **Kharbanda KK**, McCaskill ML, **Tuma DJ**, Yanov D, Devasure J, **Sisson JH**, Malondialdehyde-acetaldehyde-adducted protein inhalation causes lung injury. *Alcohol (Fayetteville, N.Y.)*, 2011

21950588 Pulmonary, Simet SM, **Wyatt TA**, Devasure J, Yanov D, Allen-Gipson D, **Sisson JH**, Alcohol Increases the Permeability of Airway Epithelial Tight Junctions in Beas-2B and NHBE Cells., *Alcoholism, clinical and experimental research*, 2011

21949713, Pulmonary, Qiu W, Cho MH, Riley JH, Anderson WH, Singh D, Bakke P, Gulsvik A, Litonjua AA, Lomas DA, Crapo JD, Beaty TH, Celli BR, **Rennard S**, Tal-Singer R, Fox SM, Silverman EK, Hersh CP, ECLIPSE Investigators , Genetics of sputum gene expression in chronic obstructive pulmonary disease. *PLoS one*, *PLoS ONE*, 6, 9, e24395, 2011

21938456, Oncology/Hematology, Thota R, Porter J, **Ganti AK**, Peters E, Hemodynamic collapse following bilateral knee arthroplasty: a mysterious case. *Journal of thrombosis and thrombolysis*, 2011

21933893 Oncology/Hematology, Iqbal J, Meyer PN, Smith L, Johnson NA, **Vose JM**, Greiner TC, Connors J, Staudt LM, Rimsza LM, Jaffe E, Rosenwald A, Ott G, Delabie J, Campo E, Braziel RM, Cook J, Tubbs RR, Gascoyne RD, **Armitage JO**, Weisenburger DD, Chan W, BCL2 Predicts Survival in Germinal Center B-cell-like Diffuse Large B-Cell Lymphoma Treated with CHOP-like therapy and Rituximab. *Clinical cancer research: an official journal of the American Association for Cancer Research*, 2011

21921240, Pulmonary, Nakanishi M, Sato T, Li Y, Nelson AJ, Farid M, Michalski J, Kanaji N, Wang X, **Basma H**, **Patil A**, Goraya J, **Liu X**, Togo S, Toews ML, Holz O, Muller KC, Magnussen H, **Rennard SI**, PGE2 Stimulates VEGF Production through the EP2 Receptor in Cultured Human Lung Fibroblasts. *American journal of respiratory cell and molecular biology*, 2011

21917626, Oncology/Hematology, Hoppe RT, Advani RH, Ai WZ, Ambinder RF, Bello CM, **Bierman PJ**, Blum KA, Dabaja B, Duron Y, Forero A, Gordon LI, Hernandez-Ilizaliturri FJ, Hochberg EP, Maloney DG, Mansur D, Mauch PM, Metzger M, Moore JO, Morgan D, Moskowitz CH, Poppe M, Pro B, Weiss L, Winter JN, Yahalom J, NCCN Hodgkin Lymphoma , Hodgkin lymphoma. *Journal of the National Comprehensive Cancer Network: JNCCN, J Natl Compr Canc Netw*, 9, 9, 1020-58, 2011

21907866, Pulmonary, Martinez FJ, Donohue JF, **Rennard SI**, The future of chronic obstructive pulmonary disease treatment—difficulties of and barriers to drug development. *Lancet*, *Lancet*, 378, 9795, 1027-37, 2011

21896896, DEM, **Larsen J**, **Goldner W**, Approach to the hospitalized patient with severe insulin resistance. *The Journal of clinical endocrinology and metabolism*, *J. Clin. Endocrinol. Metab.* 96, 9, 2652-62, 2011

21881970, Nephrology, **Olivera-Martinez M**, Sayles H, Vivekanandan R, D' Souza S, **Florescu MC**, Erratum to: Hepatorenal Syndrome: Are We Missing Some Prognostic Factors?, *Digestive diseases and sciences*, 2011

21788451, Infectious Diseases, **Swindells S**, Flexner C, Fletcher CV, Jacobson JM, The critical need for alternative antiretroviral formulations, and obstacles to their development. *The Journal of infectious diseases*, *J. Infect. Dis.* 204, 5, 669-74, 2011

21713555, Infectious Diseases, **Kalil AC**, Sun J, Reply to Sprung et al: steroid treatment for patients with severe sepsis and septic shock. *Intensive care medicine*, *Intensive Care Med*, 37, 9, 1567-8, 2011

21665963, Pulmonary, **Poole JA**, Kielian T, **Wyatt TA**, Gleason AM, Stone J, Palm K, West WW, **Romberger DJ**, Organic dust augments nucleotide-binding oligomerization domain expression via an NF- $\kappa$ B pathway to negatively regulate inflammatory responses. *American journal of physiology. Lung cellular and molecular physiology*, *Am. J. Physiol. Lung Cell Mol. Physiol.* 301, 3, L296-306, 2011

21635203, Oncology/Hematology, Perry AM, Molina-Kirsch H, Nathwani BN, Diebold J, MacLennan KA, Müller-Hermelink HK, **Armitage JO**, Weisenburger DD, Classification of non-Hodgkin lymphomas in Guatemala according to the World Health Organization system. *Leukemia & lymphoma*, *Leuk. Lymphoma*, 52, 9, 1681-8, 2011

21445635, Oncology/Hematology, **Shonka NA**, Targets for therapy in ependymoma. *Targeted oncology*, *Target Oncol*, 6, 3, 163-9, 2011



983332 Nebraska Medical Center  
Omaha, NE 68198-3332  
Address Service Requested

>>This publication is  
available online <<

Visit [unmc.edu](http://unmc.edu) to  
share this and other  
UNMC publications  
with friends and  
colleagues.

The Department of Internal Medicine's Mission is:

To improve the health of the citizens of Nebraska through nationally-recognized programs in clinical-care, education of health care providers, and research that enhances the understanding, treatment and/or prevention of disease.

Strategic goals:

- To provide biomedical educational programs for health-care providers and researchers that are recognized as excellent at the college, state and/or national levels.
- To expand and develop national recognition for clinical, translational and basic biomedical research program and educational scholarship.
- To provide clinical care that is recognized at the regional and the national level for both innovation and effectiveness.

Faculty are welcome to contribute articles regarding their research and educational or clinical endeavors.

For more information about research in the Department of Internal Medicine, contact Selaba Travis, Research Support Office at: 402-559-4875; email:

[stravis@unmc.edu](mailto:stravis@unmc.edu).



UNIVERSITY OF NEBRASKA MEDICAL CENTER [unmc.edu](http://unmc.edu)



in this  
issue

- 1 O'Dell, President ACR
- 1 Midtown Clinic Medical Home
- 7 Change to House Officer Work Hours
- 8 Oncology Services Offered at Bellevue