

Center for Healthcare Policy and Research

Annual Report

Fiscal Year 2011-2012

Profile and General Information

Name: Center for Healthcare Policy and Research

Year Established: 1994

Director:

Joy Melnikow, MD, MPH, Family and Community Medicine (2010to present)
jamelnikow@ucdavis.edu
(916) 734-3160

Administrative Contact:

Teresa L Farley
tlfarley@ucdavis.edu
916-734-4665

Location and General Contact:

Grange II
2103 Stockton Blvd
Sacramento, CA 95817
P (916) 734-2818
F (916) 734-8731
<http://www.ucdmc.ucdavis.edu/chpr/>

Space:

CHPR occupies 6,000 square feet in the Grange Building adjacent to the UC Davis Medical Center providing a convenient location for researchers and research staff to work collaboratively with other university departments, patients and service providers.

Significant Equipment/Instrumentation:

Mission Statement

The mission of the Center for Healthcare Policy and Research is to facilitate research, promote education and inform policy about health and healthcare.

Program Highlights

Foster a Vibrant Community of Learning and Scholarship

Through transformative and diverse opportunities for learning, UC Davis will inspire and prepare its students, faculty, staff and alumni to lead and excel in solving the dynamic challenges of tomorrow's world.

One of the ongoing and significant accomplishments during this fiscal period was the continuation and enhancement of the Comparative Effectiveness Research (CER) Methods Course, originally funded by the NIH and currently supported collaboratively by CHPR and the CTSC. Dr. Joy Melnikow with her colleagues; Dr. Daniel Tancredi, Dr. Tonya Fancher, Dr. Richard Kravitz, Dr. Patrick Romano, Dr. Paul Leigh, and Dr. Peter Franks developed a modular survey course for graduate students interested in gaining more knowledge and expertise in the various components of Comparative Effectiveness Research. The course, titled "Principles and Methods of Comparative Effectiveness Research" provides a direct hands-on approach, combining lecture, group and individual activities as well as the development of a CER student Project. The initial class was held in spring 2011. The course has been produced for on-line learning through UCD Extension and can be viewed at: <http://ctsa-cermethodscourse.org/>. A hybrid in-person/on-line version of the course was offered during fall 2012, a total of 14 students completed the course. Seven publications have resulted from systematic reviews begun by students as group projects for the 2011 course. They are as follows:

Nishijima DK, Zehtabchi S, Berrong J, Legome E. Utility of platelet transfusion in adult patients with traumatic intracranial hemorrhage and preinjury antiplatelet use: a systematic review. *J Trauma Acute Care Surg.* 2012 Jun;72(6):1658-63.

Psoriasis and major adverse cardiovascular events: a systematic review and meta-analysis of observational studies. Armstrong EJ, Harskamp CT, Armstrong AW. *J Am Heart Assoc.* 2013 Apr 4;2(2):e000062.

Psoriasis and the risk of diabetes mellitus: a systematic review and meta-analysis. Armstrong AW, Harskamp CT, Armstrong EJ. *JAMA Dermatol.* 2013 Jan;149(1):84-91.

Psoriasis and metabolic syndrome: A systematic review and meta-analysis of observational studies. Armstrong AW, Harskamp CT, Armstrong EJ. *J Am Acad Dermatol.* 2013 Apr;68(4):654-62.

The association between psoriasis and hypertension: a systematic review and meta-analysis of observational studies. Armstrong AW, Harskamp CT, Armstrong EJ. *J Hypertens.* 2013 Mar;31(3):433-43.

The association between psoriasis and obesity: a systematic review and meta-analysis of observational studies. Armstrong AW, Harskamp CT, Armstrong EJ. *Nutr Diabetes.* 2012 Dec 3;2:e54.

The association between psoriasis and dyslipidaemia: a systematic review. Ma C, Harskamp CT, Armstrong EJ, Armstrong AW. *Br J Dermatol.* 2013 Mar;168(3):486-95.

Drive Innovation at the Frontiers of Knowledge

Building on the interdisciplinary strengths of its faculty, UC Davis will promote a collaborative

environment that spurs innovations in learning and research by discovering ideas that take shape at the frontiers and intersections of academic disciplines.

CHPR hosts a research project led by Anthony Jerant, MD, MPH and funded by the National Cancer Institute and American Reinvestment and Recovery Act, focused on the low colorectal cancer screening (CRC) rates in the United States particularly among Latinos. The study uses an interdisciplinary approach combining technology and medical practice related to CRC screening. Using tailored, interactive multimedia computer program (IMCP), it aims to increase a patients' confidence in their ability to undergo CRC screening. This project combines innovative technological delivery methods. Subjects are randomized to receive either the experimental tailored IMCP or a control "electronic leaflet" IMCP. Participants in the study self-select use of either an English or Spanish-language version of the program. Currently almost 1,200 subjects have been enrolled (about 50% of those Latino and of those, about half Spanish-speaking). We anticipate that wider use of the tailored IMCP could increase CRC screening overall while reducing disparities in screening between Latinos and non-Latinos.

Embrace Global Issues

UC Davis will be the university of choice for international students, post-doctoral scholars, faculty, prestigious international and governmental exchange programs and research enterprises that have trans-national and global applications.

CHPR has a collaborative relationship with York University in the United Kingdom. As a result of this collaboration CHPR has hosted one visiting scholar each year during the last three fiscal periods. These scholars are finalizing their masters level work in Health Economics and have gained valuable experience while making contributions to applied research projects through their cost effectiveness and comparative effectiveness modeling skills. This collaboration continues and an additional scholar is expected next fiscal period. This collaboration allows CHPR to engage with international scholars, conducts comparative effectiveness and cost effectiveness applications, while contributing to health services research that has global applications.

Champion Health, Education, Access and Opportunity

Guided by its commitments to social responsibility and community engagement, UC Davis will support and sustain healthy, equitable communities, in which all will have access to the benefits of education and discovery.

CHPR administered a project supported by California Legislation AB 329, which authorized the Medical board to establish a pilot program to expand the practice of telemedicine in California, and to deliver health care and health information to those with chronic diseases. This project, led by Dr. James Nuovo and funded through the Medical Board pilot program measured the medical and cost effectiveness of a "Self-Management Education Program via Tele-medicine for Patients in Rural Underserved communities in California with a Chronic Disease". This was a 3-year project, finalized in June 2012, which targeted rural community clinics currently not providing diabetes self-management and prevention education. The goal was to increase access to the health education through a train the trainer model (the trainer being the patient), and measuring the impact on health outcomes for patients. The program demonstrated high satisfaction with telemedicine education as a delivery option, increased knowledge and increased confidence in the ability to conduct self-care related to diabetes post education

intervention. This project was an example of using technology to reach underserved and rural communities with valuable health education information, while engaging clinics within the community to serve as trusted and well-known, central meeting and information delivery locations.

Cultivate a Culture of Organizational Excellence, Effectiveness and Stewardship

UC Davis will provide an efficient, professional administrative organization that is committed to serving and advancing the university's academic mission.

CHPR incorporates a strong focus on stewardship of its resources, with a focus on serving CHPR members from across the UC Davis campus in grants development and grants administration. One of the successes includes the achievements of the grants development team. This team combines the efforts of existing staff, with grant subject matter expertise, to support faculty members of CHPR in developing grant proposals. The team works collaboratively to cover all elements of the application, supporting researchers and enabling them to focus on the development of their science. In addition, this service allows for shared responsibilities during busy periods while eliminating increase in costs during high volume grant submission cycles. The grant submission team has increased their submission volume by 33% from 2010-2011 to 2011-12. A total of 16% of funds requested were received in 2011-2012. The grants team generated a total of \$3.9 million in research funding during 2011-2012, a 21.8% increase from 2010-2011. The grants team was awarded the Dean's Team Award for Research Excellence during 2011-2012.

Peer Comparison

UCLA Center for Health Policy and Research

1. Collaborative work on California Healthcare Benefits Review Program
2. Comparative Effectiveness, Health economics, Health Policy and Evaluation
3. Disparities

Philip R. Lee Institute for Health Policy Studies at UC San Francisco

1. Health Care and Health Care Reform

Center for Health Care Policy and Research at Pennsylvania State University

1. Disparities
2. Access for the uninsured

SWOT Analysis

STRENGTHS

- Ability to compete successfully for large multidisciplinary grants
- Comparative Effectiveness Research Expertise
- Diverse and multi-lingual staff
- Diverse research funding support
- One-Stop ORU service center for full research grant (pre and post-application) services supporting Principal Investigators
- International graduate internship
- Primary Care Outcomes Research Program – developing researchers of the future
- Lead Evaluation team for California Health Benefits Review Program assessing Public Health Impacts of new Health Legislative Bills
- Collaboration with the Clinical Translational Science Center, the Institute for Population Health Improvement, and the Cancer Center
- New health economics faculty interest group
- Center hosted annual conference related to current research/Healthcare issues

OPPORTUNITIES

- Share expertise and resources with other departments to maximize cost efficiencies
- Growing expertise in estimating health care costs and cost effectiveness modeling makes CHPR a resource for the campus and the policy community
- Growing interest in research on outcomes and costs in surgical and trauma outcomes provides new opportunities for collaboration
- Developing collaboration with Transportation and Land Use Planning faculty on campus to define effects of policies to reduce greenhouse gas emissions on health outcomes and costs
- Expanding funding emphasis at the national level on health services and outcomes research, including the Patient-Centered Outcomes Research Institute (PCORI)

WEAKNESSES

- More space is needed for collaborative research teams and growth
- Minimal Clinical Collaboration- One weakness is a limited clinical research portfolio.

THREATS

- Space limitations threaten new projects being administered in other areas
- Decrease in funding opportunities and increased competition for existing funding opportunities
- Decreased funding opportunities may impact fundability of existing research funded staff
- Decreased staff development opportunities due to budget cuts
- Missed opportunities could be a threat to future funding

Financial Information

Fiscal Year 2011-12 Budget

	General Funds	Contracts & Grants	Gifts & Endowment Funds	Self Supporting Activities – Income & Recharges	Self Supporting Activities – Other Sources	All Other Fund Sources	TOTAL Fund Sources
Base Budget	\$0	\$0	n/a	n/a	\$0	\$0	\$0
Recurring Funding	\$375,000		n/a	n/a	\$	\$0	\$0
TOTAL	\$375,000	\$	n/a	n/a	\$	\$0	\$0

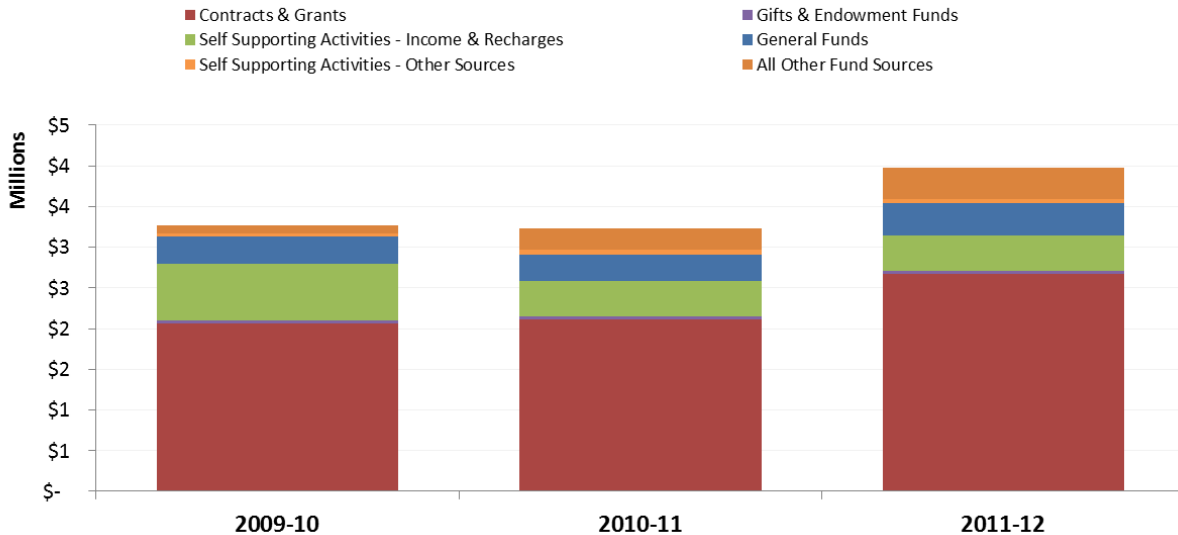
Note: Recurring general funds are sourced from the SOM Dean’s office (\$325,000) and indirect income of \$50,000.

Sources of Funds

SOURCES OF FUNDS	2009-10	2010-11	2011-12	Percent Change 2010-11 - 2011-12
General Funds	\$ 336,181	\$ 329,102	\$ 389,444	18.3%
Contracts & Grants ¹	\$ 2,060,733	\$ 2,105,864	\$ 2,669,843	26.8%
Gifts & Endowment Funds	\$ 40,186	\$ 38,353	\$ 34,999	(8.7%)
Self Supporting Activities - Income & Recharges	\$ 691,091	\$ 439,856	\$ 442,500	0.6%
Self Supporting Activities - Other Sources	\$ 36,903	\$ 51,139	\$ 50,518	(1.2%)
All Other Fund Sources	\$ 107,962	\$ 263,842	\$ 393,527	49.2%
Total Sources of Funds	\$ 3,273,055	\$ 3,228,156	\$ 3,980,832	23.3%

¹ For the purpose of this report, source and use of "Contracts & Grants" funds are equivalent and will not tie to the general ledger

Sources of Funds



Uses of Funds

USES OF FUNDS	2009-10	2010-11	2011-12	Percent Change 2010-11 - 2011-12
General Funds				
Academic Salaries	\$ 15,527	\$ 1,774	\$ 1,913	7.9%
Staff Salaries	\$ -	\$ 3,622	\$ 729	(79.9%)
General Assistance	\$ 34,086	\$ 15,852	\$ 41,720	163.2%
Benefits	\$ 15,648	\$ 1,626	\$ 19,893	1123.1%
Equipment	\$ -	\$ -	\$ -	n/a
Travel	\$ 1,000	\$ -	\$ -	n/a
Supplies & Expense	\$ 1,445	\$ 1,029	\$ 338	(67.1%)
Scholarships & Fellowships	\$ -	\$ -	\$ -	n/a
Other	\$ -	\$ -	\$ -	n/a
Sub-total: General Funds	\$67,706	\$23,902	\$64,594	170.2%
Contracts & Grants				
Academic Salaries	\$ 499,346	\$ 453,862	\$ 407,189	(10.3%)
Staff Salaries	\$ 24,746	\$ 8,224	\$ 17,268	110.0%
General Assistance	\$ 518,880	\$ 606,478	\$ 725,595	19.6%
Benefits	\$ 225,076	\$ 286,514	\$ 371,996	29.8%
Equipment	\$ -	\$ -	\$ -	n/a
Travel	\$ 15,352	\$ 13,674	\$ 13,295	(2.8%)
Supplies & Expense	\$ 229,175	\$ 185,572	\$ 195,394	5.3%
Scholarships & Fellowships	\$ -	\$ -	\$ 173,461	n/a
Other	\$ 548,158	\$ 551,540	\$ 765,645	38.8%
Sub-total: Contracts & Grants	\$2,060,733	\$2,105,864	\$2,669,843	26.8%
Gifts & Endowment Funds				
Academic Salaries	\$ -	\$ -	\$ -	n/a
Staff Salaries	\$ -	\$ -	\$ -	n/a
General Assistance	\$ -	\$ -	\$ -	n/a
Benefits	\$ -	\$ -	\$ -	n/a
Equipment	\$ -	\$ -	\$ -	n/a
Travel	\$ -	\$ -	\$ -	n/a
Supplies & Expense	\$ 1,833	\$ 3,354	\$ -	(100.0%)
Scholarships & Fellowships	\$ -	\$ -	\$ -	n/a
Other	\$ -	\$ -	\$ -	n/a
Sub-total: Gifts & Endowment Funds	\$1,833	\$3,354	\$0	(100.0%)
Self Supporting Activities - Income & Recharges				
Academic Salaries	\$ 24,013	\$ (130)	\$ -	(100.0%)
Staff Salaries	\$ -	\$ 11,099	\$ 14,100	27.0%
General Assistance	\$ 234,382	\$ 266,632	\$ 235,296	(11.8%)
Benefits	\$ 77,151	\$ 92,317	\$ 106,722	15.6%
Equipment	\$ -	\$ -	\$ -	n/a
Travel	\$ 5,351	\$ 6,530	\$ 6,991	7.1%
Supplies & Expense	\$ 53,201	\$ 64,342	\$ 77,521	20.5%
Scholarships & Fellowships	\$ -	\$ -	\$ 46,349	n/a
Other	\$ -	\$ -	\$ -	n/a
Sub-total: Self Supporting Activities - Income & Recharges	\$394,099	\$440,791	\$486,978	10.5%
Self Supporting Activities - Other Sources				
Academic Salaries	\$ -	\$ -	\$ -	n/a
Staff Salaries	\$ -	\$ -	\$ -	n/a
General Assistance	\$ 13,440	\$ (68)	\$ 9,287	(13767.9%)
Benefits	\$ 2,966	\$ 550	\$ 4,496	718.1%
Equipment	\$ -	\$ -	\$ -	n/a
Travel	\$ -	\$ -	\$ -	n/a
Supplies & Expense	\$ 172	\$ 139	\$ 132	(4.8%)
Scholarships & Fellowships	\$ -	\$ -	\$ -	n/a
Other	\$ -	\$ -	\$ -	n/a
Sub-total: Self Supporting Activities - Other Sources	\$16,578	\$620	\$13,916	2143.7%

All Other Fund Sources				
Academic Salaries	\$ 9,587	\$ 40,130	\$ 89,453	122.9%
Staff Salaries	\$ -	\$ -	\$ 12,609	n/a
General Assistance	\$ 16,775	\$ 74,217	\$ 67,187	(9.5%)
Benefits	\$ 9,981	\$ 36,843	\$ 44,791	21.6%
Equipment	\$ -	\$ -	\$ -	n/a
Travel	\$ 48	\$ 382	\$ 53	(86.2%)
Supplies & Expense	\$ 3,729	\$ 21,017	\$ 8,520	(59.5%)
Scholarships & Fellowships	\$ -	\$ -	\$ -	n/a
Other	\$ -	\$ -	\$ -	n/a
Sub-total: All Other Fund Sources	\$40,120	\$172,590	\$222,613	29.0%
Totals - All Fund Sources				
Academic Salaries	\$ 548,472	\$ 495,636	\$ 498,556	0.6%
Staff Salaries	\$ 24,746	\$ 22,944	\$ 44,706	94.8%
General Assistance	\$ 817,562	\$ 963,112	\$ 1,079,085	12.0%
Benefits	\$ 330,823	\$ 417,850	\$ 547,897	31.1%
Equipment	\$ -	\$ -	\$ -	n/a
Travel	\$ 21,752	\$ 20,587	\$ 20,339	(1.2%)
Supplies & Expense	\$ 289,555	\$ 275,453	\$ 281,906	2.3%
Scholarships & Fellowships	\$ -	\$ -	\$ 219,809	n/a
Other	\$ 548,158	\$ 551,540	\$ 765,645	38.8%
Total Uses of Funds	\$2,581,068	\$2,747,121	\$3,457,943	25.9%

Carry Forward Balances

CARRY FORWARD excluding Contracts & Grants	2009-10	2010-11	2011-12	Percent Change 2010-11 - 2011-12
General Funds	\$ 268,475	\$ 305,200	\$ 324,851	6.4%
Gifts & Endowment Funds	\$ 38,353	\$ 34,999	\$ 34,999	0.0%
Self Supporting Activities - Income & Recharges	\$ 296,992	\$ (934)	\$ (44,478)	4661.7%
Self Supporting Activities - Other Sources	\$ 20,325	\$ 50,518	\$ 36,603	(27.5%)
All Other Fund Sources	\$ 67,842	\$ 91,252	\$ 170,915	87.3%
Total Carry Forward excluding Contracts & Grants	\$ 691,987	\$ 481,035	\$ 522,889	8.7%

Note: Only 37% or \$203,782 of the carry forward balance listed for 2011-2012 are reserve funds available for use by CHPR. The additional funds in this category are designated for specific purposes i.e. Directors Stipends, Primary Care Outcomes Research Matching funds etc. and may not be used for new CHPR initiatives or budgetary gaps.

Contracts & Grants

CONTRACTS & GRANTS	2009-10	2010-11	2011-12	Percent Change 2010-11 - 2011-12
Number of Awards	9	13	18	38.5%
Amount of Awards	\$ 2,363,981	\$ 2,330,852	\$ 3,084,447	32.3%

Indirects Generated

Indirect cost recovery for fiscal year 2011-2012 was \$712,341.

Indirects Generated	
Federal	\$453,959
State	\$93,568
Private Contracts & Grants	\$164,814
Local	\$0
TOTAL	\$712,341

Return on Investment

RETURN ON INVESTMENT (ROI) ¹	2009-10	2010-11	2011-12	Percent Change 2010-11 - 2011-12
Total Base Budget	\$ -	\$ -	\$ -	n/a
Contracts & Grants (Uses)	\$ 2,060,733	\$ 2,105,864	\$ 2,669,843	26.8%
ROI: Contracts & Grants	no base budget	no base budget	no base budget	n/a
Gifts & Endowment Funds (Sources)	\$ 40,186	\$ 38,353	\$ 34,999	(8.7%)
ROI: Gifts & Endowment Funds	no base budget	no base budget	no base budget	n/a

¹ Negative ROI is displayed as a "0" value, as base funding is not actually lost, but rather it did not generate a positive ROI

Note: The ROI based on reoccurring general funds of \$325,000 received from the SOM Deans office is as follows:
2011-2012: \$721.49, 2010-2011: \$547.00

Sources and Uses—Variance Analysis

General Funds- an increase in salaries and benefits due to a decrease administrative staff funded project time.

Contracts and Grants – an increase in total grants and contracts of 26% correlates with higher contract and grants expenditures.

Self Supporting Activities- an increase in expenditures includes the renewal of director stipend, use of the CHPR director Start Up funds, SOM Dean Matching fund support for the Primary Care Outcomes Training Project and new funding from UCOP sources.

Self Supporting Activities Other Sources-increase in usage of these funds is directly related to internal pilot awards and faculty research award sources.

All Other Funds Sources- an increase in these funds is a result of CHPR gaining the lead role as the California Healthcare Benefits Review Program Public Health Analysis Team.

Total Fund Sources – The variance of 25.9% in total fund sources is a result of the increase funded Contracts and Grants as well as Self Supporting Activities fund sources.

Personnel

Headcount and FTEs

	Headcount	FTEs
Professional	22.00	18.96
Technical	1.00	1.00
Administrative	1.00	1.00
Clerical	2.00	2.00
TOTAL Employees	26.00	22.96

Academic Personnel

Senate Faculty	Title Code	Home Department	% Time
Robert Bell, PhD	1721	Communications	
Julie Rainwater, PhD		CTSC	
Thomas Balsbaugh, MD	1733	SOM Family & Community Medicine	
Peter Franks, MD	1721	SOM Family & Community Medicine	
Anthony Jerant, MD	1721	SOM Family & Community Medicine	
Joy Melnikow, MD	1721	SOM Family & Community Medicine	
James Nuovo, MD	1721	SOM Family & Community Medicine	
Sergio Aguilar-Gaxiola, MD	1721	SOM Internal Medicine	
Richard L Kravitz, MD	1721	SOM Internal Medicine	
Romano, Patrick, MD	1721	SOM Internal Medicine	
Christian Sandrock, MD	1721	SOM Internal Medicine	
Kathy Tong, MD	1721	SOM Internal Medicine	
Daniel Tancredi, PhD	1724	Pediatrics	
Diana Cassady, PhD	1726	Public Health Sciences	
Steve McCurdy, PhD	1726	Public Health Sciences	
Rahman Azari, PhD		Statistics	
Garth Utter, MD	1721	Surgery	

Other Academics	Title Code	Home Department	% Time
Margolis, Helene, PhD	1728	SOM Internal Medicine	
Paterniti, Debora, PhD	1729	SOM Internal Medicine	
Banafsheh Sadeghi, MD	1728	SOM Internal Medicine	

Postdoctoral Researchers and Graduate Students

Students	Classification	Home Department
David Chin	Graduate Student Researcher	CHPR
Zhuo Yang	Visiting Scholar – MS Candidate	CHPR
Edward Cruz MD	Post Doctorate Fellow	Pediatrics
Beatrice Tettah	Post Doctorate Fellow	Pediatrics
Ruby Shah	Post Doctorate Fellow	Internal Medicine
Gayatri Patel	Post Doctorate Fellow	Internal Medicine

Future Budget Request for Fiscal Year 2013-14

Fiscal Year 2013-14 Budget Ask	Base Funds	Current Funds	Total All Funds
Base Budget	\$	\$67,000	\$67,000
Recurring Funding	\$	\$	\$
TOTAL	\$	\$67,000	\$67,000

Note:

Funds Available 2013-2014

- \$321,000 SOM Administrative support (includes a \$4,000 cut from previous years)
- \$39,555 Dean support of T32 program coordinator/Outcomes Research Capacity Building (1 time funds)
- \$85,175 CHPR Reserves
- \$64, 348 2010-2011 Indirect income pending from OVCR
- (\$23,650)** 2010-2011 unanticipated cut in indirect income
- \$130,455 2011-2012 indirect income forecasted from OVCR 12/31/13
- \$616,883 – Total Available**
- \$604,179 – 2013-2014 Budgeted expenses
- \$12,704 – Forecasted reserve balance 6/30/2014**

One-time requests

During 2012-2013 CHPR utilized \$118,775 of reserve funds to cover annual expenses and expand the research unit office space, adding a total of 6,000 sq. ft. This was done to support 3 new funded projects and their staff totaling over \$6 million in new appropriations.

As noted previously CHPR generated **\$712,000** in indirect income during 2011-2012 and it is forecasted to generate over **\$1.1 million** in indirect during 2013-2014, reflecting a 37% increase. CHPR is currently budgeting for the use of indirect income pending at OVCR of **\$40,698**, which includes an unanticipated cut of **\$23,650** that impacts CHPR reserve balances. In addition, CHPR is forecasting the use of **\$130,455** of forecasted income from indirect income of fiscal period 2012-2013. However, CHPR has experienced new budget challenges in the form of SOM cuts, space expansion expenses and staff salaries. The following items are 2013-2014 annual expenses for which CHPR is requesting financial support from OVCR

New expanded space initiative Lease space/utilities	\$57,000
SOM budget cut	\$4,000
Staff reclassification required skills to support new projects	\$6,000
Cut in indirect income decreasing reserves by	\$23,650
Total	\$90,650

CHPR is requesting assistance from OVCR for these new expenses and coverage for the unanticipated indirect decrease for 2011-2012. CHPR currently receives no Base/Current funding from OVCR, yet generates measureable indirect income, which has increased each year over the last three years. With the anticipated increase of 37% of indirect income, based on currently funded awards, from CHPR

initiated contracts and grants CHPR requests the support of these expenses from OVCR as a collaborative contribution to the continued growth and development of CHPR. The assistance from OVCR will provide a contribution to the CHPR growth and expansion while assisting CHPR to retain a viable source of reserve funds and addressing the unanticipated reduction in indirect return income for 2011-12. Future plans to establish sustainable revenues to cover expansion lease costs include new grant and contract proposals budgeting lease costs, when in accordance with UCD policy.

Goals and Metrics

2011-2012 Achievements

1. Increase the number of grants/contracts proposals processed by 20%
 - a. The CHPR center processed a total of 26 proposals an increase of 8%
 - b. The CHPR center increased the dollars requested in grants and contracts by 207%
2. Increase the number of grants/contracts secured by 5%
 - a. CHPR achieved an increase of 38.5% of contracts and grants secured
 - b. CHPR has secured an increase of 32.3% in award dollars funded
3. Increase the amount of funding dollars managed by 5%
 - a. CHPR achieved an increase of 23.3% of dollars managed
4. Membership
 - a. Increase the number of affiliate (Non UC Davis Faculty) members at CHPR 5%
 - i. CHPR achieved an increase in new affiliated members of 12.5%
 - ii. CHPR achieved an increase in membership of 8%
5. Increase the number undergraduate and graduate students supported by 2 students or .50 FTE
 - a. CHPR supported a total of 7 students; 5 post doctorate fellows, and 2 GSR's funded through CHPR resources, this is an increase of 75%
6. Obtain a 90% level of client satisfaction for PI's using proposal development and project administration services
 - a. CHPR has continued to receive positive and consistent feedback from faculty researchers using our services.
7. Research Seminars: The CHPR center hosted a total of twenty-six research seminars during FY 11/12. These seminars invite internal and external university scholars, federal, state and local stakeholders to present research findings of completed, in process or proposed projects.
8. Publications: 78 publications were authored/co-authored by associated faculty, staff researchers, affiliated researchers and students based on research that was funded in whole or in part by CHPR administered projects. These are in addition to the 7 publications previously mentioned as a result of the CER course.

9. The CHPR Grants Development Team received the 2011-2012 Deans Team Award of Excellence for Research.
10. CHPR hosted an international visiting scholar from York University Health Economics program, Michael Urbich, who worked with researcher Daniel Nashijima, MD and Joy Melnikow, MD, MPH on a project to identify and evaluate the cost effectiveness of a clinical decision rule for clinicians to predict the need for a CT scan to evaluate pediatric blunt abdominal trauma.
11. CHPR hosted two graduate student researchers during this FY 11/12 to work on Healthcare Quality Measurement Tool project and a Nurse to Patient Ratio evaluation project, both led by researcher Patrick Romano, MD.
12. CHPR -trained five Post Doctoral fellows in the Primary Care Outcomes Research Fellowship funded by ARRA/HRSA Training grants and matching funds from the Deans office. These fellows were board certified physicians training to become faculty researchers.

Goals for 2012-2013

- Increase the number of grants/contracts proposals processed by 10%
- Increase the number of grants/contracts secured by 5%
- Increase the amount of funding dollars managed by 5%
- Increase the number of non-faculty members at CHPR 5%
- Increase the number undergraduate and graduate students supported by 2 students or .50 FTE
- Obtain a 90% level of client satisfaction for PI's using proposal development and project administration services

Carry Forward Balances (excluding Contracts & Grants)

The carry forward funds that are un-encumbered or not special one-time funds, matching funds or funds dedicated to a focused and limited use were for FY 11/12 were \$203,782.

The carry forward funds that are forecasted to be un-encumbered and real reserves as of the end of FY 12/13 are \$85,007 (pending estimated indirect income of \$40,698 2010-2011 and \$130,455 for 2012-2013).

The carry forward funds that are forecasted to be un-encumbered and real reserves at the end of FY 13/14 are \$12,704.

Appendix A: CHPR Executive Committee Members

Joy Melnikow, M. D., M. P. H. Director, Center for Healthcare Policy and Research and Professor in Family and Community Medicine, UC Davis

Rahman Azari, Ph.D., Lecturer, Department of Statistics UC Davis, Committee Member

Klea Bertakis, M.D., M.P.H., Professor and Chair Department of Family and Community Medicine, UC Davis, Committee Member

Adela de la Torre, Ph.D., Professor and Director, Vice Chancellor Student Affairs, Committee Member

Joshua J. Fenton, M.D., M.P.H. Associate Professor Department of Family and Community Medicine, UC Davis, Committee Member

Anthony F. Jerant, M.D., Professor, Department of Family and Community Medicine, UC Davis, Committee Member

Richard L. Kravitz, M.D., M.S.P.H., Professor and Co-vice Chair, Research Department of Internal Medicine, UC Davis, Committee Member

J. Paul Leigh, Ph.D. , Professor, Public Health Sciences, UC Davis, Committee Member

Lisa Miller, Ph.D., Associate Professor of Human Development, UC Davis, Committee Member

Debora A. Paterniti, Ph.D., Associate Adjunct Professor, Departments of Internal Medicine and Sociology, UC Davis, Committee Member

Patrick S. Romano, M.D., M.P.H. , Professor, Department of Internal Medicine, Department of Pediatrics, UC Davis, Committee Member

Mary Lou de Leon Siantz, Ph.D., R.N., F.A.A.N. , Professor, Betty Irene Moore School of Nursing, UC Davis, Committee Member

Dennis M. Styne, M.D. , Professor, Department of Pediatrics, Chief of Pediatric Endocrinology, Director of the Newborn Screening Program and Childhood Obesity Clinic, UC Davis, Committee Member

Daniel J. Tancredi, Ph.D. , Assistant Professor in-Residence, Department of Pediatrics, UC Davis, Committee Member

L. Elaine Waetjen, M.D., Associate Professor, Department of Obstetrics and Gynecology, UC Davis, Committee Member

Appendix B: Collaborators and Visitors

8/31/2011 "Systematic reviews: Potential and Pitfalls" Roger Chou, MD, Scientific Director of the Oregon Evidence-based Practice Center. This seminar was CO-SPONSORED by CHPR and Clinical and Translational Science Center. Following the seminar, Dr. Chou also provided a workshop for researchers planning systematic reviews "Practical Systematic Review Research Design"

9/21/2011 "Comparison of a Clinical Decision Instrument vs. Usual Care to Risk Stratify Children for Intra-abdominal Injury after Blunt Abdominal Trauma: A Cost-Effectiveness Analysis." Dan Nishijima and John Clark, visiting Graduate Student Researcher from University of York, England

10/17/2011 "Evidence and Communication: Learning from the Confusion over USPSTF Screening Mammography Recommendations" Stephen Taplin, MD, MPH National Cancer Institute, Chief, Process of Care Research Branch and the Behavioral Research Program. This seminar was CO-SPONSORED by CHPR and UC Davis Cancer Center.

11/30/2011 "Implementation of the Affordable Care Act: Opportunities for Collaboration and Partnership" Herb Schultz, MA Region IX Director of the US Dept. of Health and Human Services. This seminar was CO-SPONSORED by CHPR and the American Medical School Association (AMSA)

1/25/2012 "The Comparative Effectiveness Large Dataset Analysis Core: A Resource for Accelerating Research with Large, Public Datasets." Janet Coffman, MA, MPP, PhD Assistant Adjunct Prof UCSF Institute for Health Policy Studies

2/8/2012 "Ethics and Health System Reform: Caring for Vulnerable Patients and Populations" Mathew Wynia, MD Clinical Assistant Professor of Medicine Department of Medicine, Infectious Diseases University of Chicago Medical Center" AMA Director of the Institute for Ethics and the Center for Patient Safety

3/7/2012 "Policy options to stabilize the registered nurse workforce supply - analysis of nationally representative dataset" Byung-Kwang Yoo, MD, MS, PhD and Mhio Sato, RN, PhD Assistant Prof Tohoku University Graduate School of Medicine, Dept. of Nursing Education and Administration, Japan

3/21/2012 "Walking, Biking, Electric Driving: What are the Health Benefits of Sustainable Transportation Alternatives?" Neil Maizlish, PhD, MPH Research Scientist, California Dept. of Public Health

4/4/2012 "Generalized Redistribute-to-the-right Algorithm: Application to the Analysis of Censored Cost Data" Dr. Hongwei Zhao, ScD Associate Prof Epidemiology and Biostatistics, Texas A&M Health Science Center.

4/18/2012 "How Proposition 29 will save lives, keep kids from smoking and fund research for potential cures." Timothy Gibbs, California Cancer Research Act Field Director, American Cancer Society.

4/25/2012 "Does Parent Need to Watch Over Care Reflect Hospital Safety Climate?" Elizabeth Cox, MD, PhD, Dept. of Pediatrics University of Wisconsin, Madison.

Appendix C: Program Members

*Indicates Executive Committee Member

Rina E. Alcalay, Ph.D.
Professor Emeritus
Dept of Communication, UC Davis

Jared D. Ament, M.D., M.P.H.
Neurosurgery Resident
Dept. of Neurosurgery, UC Davis School of Medicine

Thomas F. Anders, M.D.
Professor Emeritus
Psychiatry and Behavioral Science
UC Davis M.I.N.D. Institute

Rahman S. Azari, Ph.D.*
Lecturer
Department of Statistics, UC Davis

Aaron Bair, M.D.
Assistant Professor
UC Davis Health System
Emergency Medicine, Academic Office

Dian Baker, Ph.D., A.P.R.N.-B.C., P.N.P.
Postdoctoral Scholar
Betty Irene Moore School of Nursing
UC Davis

Debra Bakerjian, Ph.D, R.N., F.N.P.
Assistant Adjunct Professor
School of Nursing UC Davis

Thomas A. Balsbaugh, M.D.
Assistant Clinical Professor
Dept. of Family and Community Medicine UC Davis

Heejung Bang, Ph.D.
Department of Public Health Sciences
UC Davis School of Medicine

Laurel Beckett, Ph.D.
Professor and Vice-Chair, Division of Biostatistics
Public Health Sciences, UC Davis

Robert A. Bell, Ph.D.
Professor
Dept of Communication

Lars Berglund, M.D., Ph.D.
Associate Dean, Clinical and Translational Research
Clinical and Translational Science Center, UC Davis

Klea D. Bertakis, M.D., M.P.H.*
Professor and Chair
Dept. of Family and Community Medicine

Joshua Breslau, Ph.D., Sc.D.
Assistant Professor In-Residence
Dept. Internal Medicine, UC Davis

Robert Byrd, M.D., M.P.H.
Associate Professor
Department of Pediatrics, UC Davis

Edward J. Callahan, Ph.D.
Associate Dean for Academic Personnel, UC Davis
School of Medicine and Professor of Family Medicine

A. Colin Cameron, Ph.D.
Professor
Department of Economics UC Davis

Caroline J. Chantry, M.D.
Associate Professor
Dept of Pediatric, UC Davis

David Tom Cooke, M.D.
Assistant Professor of Clinical Surgery
Dept of Surgery, Div. of Cardiothoracic Surgery
UC Davis School of Medicine

Rosemary D. Cress, Dr.P.H.
Dept. of Public Health Sciences
Adjunct Associate Professor
UC Davis School of Medicine

Natalia Deeb-Sossa, Ph.D.
Annual Report – Fiscal Year 2011-12
Center for Healthcare Policy & Research

Adela de la Torre, Ph.D.*

Assistant Professor II Department of Sociology, UC Davis	Professor and Director Chicana/o Studies, UC Davis
Robert W. Derlet, M.D. Professor Department of Emergency Medicine, UC Davis	Louis L. Downs, PhD Tenured Associate Professor Dept. Counselor Education, CSUS
Holli A. DeVon, Ph.D., R.N. Associate Professor Betty Irene Moore School of Nursing, UC Davis	Christiana M Drake, PhD Professor Department of Statistics, UC Davis
Jonathan M. Ducore, M.D., M.P.H. Associate Professor Department of Pediatrics, UC Davis	Tonya Fancher, MD, MPH Assistant Professor UC Davis , Internal Medicine Residency Program
Bo Feng, Ph.D. Assistant Professor UC Davis, Department of Communication	Joshua J. Fenton, MD, MPH Assistant Professor Family and Community Medicine, UC Davis
Erik Fernandez y Garcia, M.D., M.P.H. Assistant Professor Department of Pediatrics UC Davis School of Medicine	Leonor Pabon Fernando, M.D. Associate Professor Dept. of Pathology and Laboratory Medicine, UC Davis
Peter Franks, M.D.* Professor Dept. of Family & Comm. Medicine, UC Davis	Jorge A. Garcia, MD, MS Assistant Professor Dept. Internal Medicine
Lorena Garcia, M.P.H., Dr. P.H. Assistant Professor Chicana/o Studies, UC Davis University of California, Davis	Drew Halfmann, Ph.D. Assistant Professor Department of Sociology, UC Davis
Robin L. Hansen, M.D. Professor Department of Pediatrics, UC Davis	Nasim Hedayati. M.D., M.S. Assistant Professor UC Davis School of Medicine, Department of Surgery
L. Jay Helms, Ph.D. Associate Professor Department of Economics, UC Davis	Donald M. Hilty, M.D.* Professor Clinical Psychiatry & Behavioral Science, UC Davis
Ladson Hinton, M.D. Associate Professor UC Davis Dept. of Psychiatry & Behavioral Sciences	Calvin H. Hirsch, M.D. Professor Dept. Internal Medicine, UC Davis

Jeffrey S. Hoch, Ph.D.

Associate Professor

University of Toronto
School of Medicine
Department of Health Policy, Management and
Evaluation

Anthony F. Jerant, M.D.*
Professor – School of Medicine
Dept. of Family & Community Medicine
UC Davis

Nancy Ree Joye, M.D.
Clinical Professor
Department of Pediatrics UC Davis

Katherine Kim, M.P.H.
Graduate Student
Betty Irene Moore School of Nursing
UC Davis

Sunny Kim, Ph.D.
Assistant Professor
Department of Orthopaedic Surgery
School of Medicine UC Davis

Kenneth W. Kizer, M.D., M.P.H.
Distinguished Professor
Director, Institute of Population Health
Improvement
Department of Emergency Medicine
UC Davis

Patrick Marius Koga , M.D., M.P.H.
Associate Clinical Professor of Public Health
UC Davis
Center for Health Services Research
In Primary Care

Richard L. Kravitz, M.D., M.S.P.H.*
Professor and Co-vice Chair, Research
Department of Internal Medicine
Core Faculty Member, CHSR/PC

Nathan Kuppermann, M.D., M.P.H.
Professor and Chair
Department of Emergency Medicine UC Davis
J. Paul Leigh, Ph.D.*
Professor
Public Health Sciences

University of California, Davis

Li, Su-Ting, M.D.
Assistant Professor, Pediatrics
IOR, Pediatrics
University of California, Davis

Li, Zhongmin, Ph.D.
Assistant Adjunct Professor
Department of Internal Medicine
Division of General Medicine UC Davis

Ming-cheng Lo, Ph.D.
Associate Professor
Department of Sociology
UC Davis

Albert Lowey-Ball, M.A., M.S
Adjunct Associate Professor
Health Policy & Economics

Donald O. Lyman, M.D., D.T.P.H.
Chief, Division of Chronic Disease & Injury
Control
California Department of Health Services

James P. Marcin, M.D., M.P.H.
Associate Professor
Department of Pediatrics UC Davis

Helene Margolis, Ph.D., M.A.
Assistant Adjunct Professor
Department of Internal Medicine:
General Medicine UC Davis

Craig M. McDonald, M.D.
Professor
Dept of Physical Med. & Rehabilitation UC Davis
Joy Melnikow, M.D., M.P.H.*
Director, Center for Healthcare Policy and
Research
Professor UC Davis
Dept of Family and Community Medicine
Frederick J. Meyers, M.D.
Senior Associate Dean
Professor of Internal Medicine and Pathology
Chair of Internal Medicine
University of California, Davis

School of Medicine, Dept .of Internal Medicine

Hans-Georg Müller, M.D., Ph.D.
Professor
Department of Statistics
UC Davis

Thomas S. Nesbitt, M.D., M.P.H.
Executive Associate Dean
UC Davis School of Medicine

Daniel Nishijima, M.D. (7-22-2009)
Staff Physician
UC Davis Department of Emergency Medicine
School of Medicine

James Nuovo, M.D.
Professor
Associate Dean of Graduate Medical Education,
School of Medicine UC Davis
Department of Family and Community Medicine

Donald A. Palmer, Ph.D.
Professor UC Davis
Graduate School of Mgmt.

Richard J.D. Pan, M.D., M.P.H.
Associate Professor
Department of Pediatrics

Jeanny K. Park, M.D.
Associate Clinical Professor
Department of Pediatrics UC Davis

Debora A. Paterniti, Ph.D.*
Associate Adjunct Professor
Departments of Internal Medicine and
Sociology UC Davis

Bonnie Raingruber, R.N., Ph.D.
Adjunct Professor
Hematology and Oncology and Center for
Nursing Research UC Davis

Julie Rainwater, Ph.D.
Research Sociologist
Division of General Medicine
Department of Internal Medicine UC Davis

Ben Rich, Ph.D.
Professor and School of Medicine
Alumni Association Endowed Chair of Bioethics
Department of Internal Medicine
Division of General Medicine UC Davis

John A. Robbins, M.D., M.H.S.
Professor Emeritus
Department of Internal Medicine
Division of General Medicine UC Davis

David M. Rocke, Ph.D.
Professor
Co-Director
Institute for Data Analysis and Visualization
2343 Academic Surge
Davis, CA 95616

Patrick S. Romano, M.D., M.P.H.*
Professor
Department of Internal Medicine
Division of General Medicine and
Department of Pediatrics UC Davis

George G. Roussas, Ph.D.
Professor
Statistics UC Davis

Boris H. Ruebner, M.D.
Professor Emeritus
Department of Pathology UC Davis

Christian Sandrock, M.D., M.P.H., F.C.C.P.
Assistant Professor Department of Internal
Medicine UC Davis
Marc B. Schenker, M.D., M.P.H.
Professor UC Davis
Department of Public Health Sciences

Ulfat Shaikh, M.D., M.P.H.
Assistant Professor in Pediatrics UC Davis

Jeffrey Sherman, Ph.D.
Professor
Department of Psychology UC Davis

Alan W. Shindel, M.D.

Assistant Professor in Residence
Department of Urology
UC Davis School of Medicine

Elena O. Siegel, Ph.D., R.N.
Assistant Professor in Residence
Department of Internal Medicine
Betty Irene Moore School of Nursing UC Davis

Peter E. Sokolove, M.D.
Department of Clinical Emergency Medicine
UC Davis

Malathi Srinivasan, MD
Assistant Professor
Department of General Medicine UC Davis

Dennis M. Styne, M.D.
Professor and Chair
Department of Pediatrics UC Davis

Farzaneh Tabnak, Ph.D.
Research Scientist Supervisor
Chief, Evaluation & Research Unit
California Department of Health Services
Cancer Detection Section

Daniel J. Tancredi, Ph.D.
Assistant Professor in Residence
Department of Pediatrics UC Davis

Laramie Taylor, Ph.D.
Assistant Professor
Dept of Communication UC Davis

Elisa Tong, M.D., M.A.
Assistant Professor
Department of Internal Medicine UC Davis

Anthony J. Urquiza, Ph.D.
Psychologist
Department of Pediatrics UC Davis

Garth H. Utter, M.D.
Assistant Professor
Department of Surgery
UC Davis Medical Center

Jessica M. Utts, Ph.D.
Professor
Department of Statistics UC Davis

Marlene von Friederichs-Fitzwater, PhD, FAAPP
Assistant Adjunct Professor
Department of Hematology and Oncology
Director UC Davis
Outreach Research & Education Program

L. Elaine Waetjen, M.D.
Associate Professor
UC Davis Department of Obstetrics and
Gynecology UC Davis

Donal Walsh, Ph.D.
Professor Emeritus
School of Veterinary Medicine UC Davis

Jane-Ling Wang, Ph.D.
Professor
Department of Statistics UC Davis

Deborah H. Ward, Ph.D.
Associate Clinical Professor
Betty Irene School of Nursing
Department of Internal Medicine UC Davis

Nancy A. Warden, M.D. (Schonfeld-Warden)
Associate Professor
Department of Pediatrics UC Davis

Daniel C. West, M.D.
Associate Professor
Department of Pediatrics UC Davis

Richard H. White, M.D.
Professor
Department of Internal Medicine
Chief, Division of General Medicine
Director, Anticoagulation Service UC Davis

Michael S. Wilkes, M.D., Ph.D.
Vice Dean, Medical Education
Office of the Vice Chancellor, Human Health
Sciences and Dean UC Davis

David Wisner, M.D.
Professor and Vice Chair
Department of Surgery UC Davis

Shagufta Yasmeen, M.D., M.R.C.O.G.
Assistant Professor
Department of Obstetrics and Gynecology
UC Davis

Peter Yellowlees, M.B.B.S., M.D.
Professor
Department of Psychiatry UC Davis

Heather Young, Ph.D., R.N., G.N.P., F.A.A.N.
Associate Vice Chancellor for Nursing
Dean, Betty Irene Moore School of Nursing
UC Davis

Byung Kwang (BK) Yoo
Associate Professor, PhD
Department of Public Health Sciences UC Davis

Nolan Zane, Ph.D.
Professor
Department of Psychology UC Davis

Appendix D: Publications

Cress, Rosemary:

Harlan LC, Lynch CF, Keegan THM, Hamilton AS, Wu XC, Kato I, West MM, Cress RD, Schwartz SM, Smith AW, Deapen D, Stringer SM, Potosky AL. Recruitment and follow-up of adolescent and young adult cancer survivors: the AYA HOPE study. *J Cancer Surv.* 5:305-314, 2011

Fleming ST, Sabatino SA, Kimmick G, Cress, R, Wu XC, Trentham-Dietz A, Huang B, Hwang W, Liff J. Developing a Claims-based Version of the ACE-27 Comorbidity Index: A Comparison with Medical Record Review *Med Care* 49: 752–760, 2011

Aaronson DS, Odisho AY, Hills N, Cress R, Carroll PR, Dudley RA, Cooperberg MR. Availability of Proton Beam Therapy and Treatment for Localized Prostate Cancer *Arch Intern Med* 172:280-283, 2012

Calvert GM, Luckhaupt S, Lee SJ, Cress R, Schumacher P, Shen R, Tak S, Deapen D. Lung cancer risk among construction workers in California, 1988-2007. *Am J Ind Med* 55:412-22, 2012

Kravitz, Richard

Tarn DM, Mattimore TJ, Bell DS, Kravitz RL, Wenger NS. Provider views about responsibility for medication adherence and content of physician-older patient discussions. *J Am Geriatr Soc.* 2012 Jun;60(6):1019-26. doi: 10.1111/j.1532-5415.2012.03969.x. Epub 2012 May 30. PubMed PMID: 22646818; PubMed Central PMCID: PMC3381510.

Hu X, Bell RA, Kravitz RL, Orrange S. The prepared patient: information seeking of online support group members before their medical appointments. *J Health Commun.* 2012;17(8):960-78. Epub 2012 May 10. PubMed PMID: 22574697.

Kravitz RL, Tancredi DJ, Jerant A, Saito N, Street RL, Grennan T, Franks P. Influence of patient coaching on analgesic treatment adjustment: secondary analysis of a randomized controlled trial. *J Pain Symptom Manage.* 2012 May;43(5):874-84. doi: 10.1016/j.jpainsymman.2011.05.020. PubMed PMID: 22560357.

Kravitz RL. From the editors' desk: Why NCATS should read this issue of JGIM. *J Gen Intern Med.* 2012 Jun;27(6):613-4. doi: 10.1007/s11606-012-2055-z. PubMed PMID: 22491964; PubMed Central PMCID: PMC3358389.

Berkowitz SA, Bell RA, Kravitz RL, Feldman MD. Vicarious experience affects patients' treatment preferences for depression. *PLoS One.* 2012;7(2):e31269. doi: 10.1371/journal.pone.0031269. Epub 2012 Feb 21. PubMed PMID: 22363603; PubMed Central PMCID: PMC3283627.

Yasmeen S, Romano PS, Tancredi DJ, Saito NH, Rainwater J, Kravitz RL. Screening mammography beliefs and recommendations: a web-based survey of primary care physicians. *BMC Health Serv Res.* 2012 Feb 6;12:32. doi: 10.1186/1472-6963-12-32. PubMed PMID: 22309456; PubMed Central PMCID: PMC3293074.

Kravitz RL. From the Editors' Desk: Improving Performance Through Coaching, Incentives, Feedback, and Practice. *J Gen Intern Med.* 2012 Feb 3. [Epub ahead of print] PubMed PMID: 22302357; PubMed Central PMCID: PMC3304043.

Kravitz RL. From the editors' desk: it's the social determinants, stupid. *J Gen Intern Med*. 2012 Mar;27(3):265. doi: 10.1007/s11606-011-1980-6. PubMed PMID: 22258919; PubMed Central PMCID: PMC3286549.

Romano PS, Marcin JP, Dai JJ, Yang XD, Kravitz RL, Rocke DM, Dharmar M, Li Z. Impact of public reporting of coronary artery bypass graft surgery performance data on market share, mortality, and patient selection. *Med Care*. 2011 Dec;49(12):1118-25. doi: 10.1097/MLR.0b013e3182358c78. PubMed PMID: 22002641.

Kravitz RL, Feldman MD. From the editors' desk: peer review now and in the future. *J Gen Intern Med*. 2011 Dec;26(12):1385-90. doi: 10.1007/s11606-011-1901-8. PubMed PMID: 21971601; PubMed Central PMCID: PMC3235605.

Bell RA, Franks P, Duberstein PR, Epstein RM, Feldman MD, Fernandez y Garcia E, Kravitz RL. Suffering in silence: reasons for not disclosing depression in primary care. *Ann Fam Med*. 2011 Sep-Oct;9(5):439-46. doi: 10.1370/afm.1277. PubMed PMID: 21911763; PubMed Central PMCID: PMC3185469.

Kravitz RL, Epstein RM, Bell RA, Rochlen AB, Duberstein P, Riby CH, Caccamo AF, Slee CK, Cipri CS, Paterniti DA. An academic-marketing collaborative to promote depression care: a tale of two cultures. *Patient Educ Couns*. 2013 Mar;90(3):411-9. doi: 10.1016/j.pec.2011.07.003. Epub 2011 Aug 21. PubMed PMID: 21862274; PubMed Central PMCID: PMC3235260.

Kravitz RL. From the editors' desk: sticking with the script. *J Gen Intern Med*. 2011 Oct;26(10):1083. doi: 10.1007/s11606-011-1820-8. PubMed PMID: 21847592; PubMed Central PMCID: PMC3181299.

Jackson JL, Srinivasan M, Rea J, Fletcher KE, Kravitz RL. The validity of peer review in a general medicine journal. *PLoS One*. 2011;6(7):e22475. doi: 10.1371/journal.pone.0022475. Epub 2011 Jul 25. PubMed PMID: 21799867; PubMed Central PMCID: PMC3143147.

Leigh JP, Tancredi D, Jerant A, Kravitz RL. Annual work hours across physician specialties. *Arch Intern Med*. 2011 Jul 11;171(13):1211-3. doi: 10.1001/archinternmed.2011.294. PubMed PMID: 21747020.

O'Loughlin RE, Duberstein PR, Veazie PJ, Bell RA, Rochlen AB, Fernandez y Garcia E, Kravitz RL. Role of the gender-linked norm of toughness in the decision to engage in treatment for depression. *Psychiatr Serv*. 2011 Jul;62(7):740-6. doi: 10.1176/appi.ps.62.7.740. PubMed PMID: 21724786; PubMed Central PMCID: PMC3129782.

Kupperman, Nathaniel

Holmes JF, Borgianni D, Nadel F, et al and Kuppermann N, and the PECARN TBI Study Group for the Pediatric Emergency Care Applied Research Network (PECARN). Do Children with Blunt Head Trauma and Normal Cranial CT Scans Require Hospitalization for Neurological Observation. *Ann Emerg Med* 2011;58:315-22.

Schnadower D, Kuppermann N, Macias, et al and Dayan P, for the Pediatric Emergency Medicine Collaborative Research Committee of the AAP. Sterile Cerebrospinal Fluid Pleocytosis in Young Febrile Infants With Urinary Tract Infections. *Arch Dis Adolesc Med* 2011;165:635-41.

Maguire JL, Kulik D, Laupacis A, Kuppermann N, Uleryk E, Parkin P. Clinical Prediction Rules for Children – A Systematic Review. *Pediatrics* 2011;128:e666-77.

Corneli HM, Zorc JJ, Holubkov R, Bregstein JS, Brown KM, Mahajan P, and Kuppermann N, and for the Pediatric Emergency Care Applied Research Network (PECARN). Bronchiolitis: Presenting Characteristics Associated with Hospitalization and Length of stay. *Pediatr Emerg Care* 2012;28:99-103.

Newgard CD, Malveau S, Staudenmayer K, Wang N, Hsia R, Mann C, Holmes J, Kuppermann N, Haukoos J, Bulger E, Dai M, Cook L. Evaluating the Use of Existing Data Sources, Probabilistic Linkage and Multiple Imputation to Build Population-Based Injury Databases Across Multiple Phases of Trauma Care. *Acad Emerg Med* 2012;19:469-80.

Nigrovic L, Lee L, Hoyle J, Stanley R, Gorelick M, Miskin M, Atabaki S, Dayan P, Holmes J, Kuppermann N, and PECARN. Prevalence of Clinically-important Traumatic Brain Injuries in Children with Minor Blunt Head Trauma and Isolated Severe Injury Mechanisms. *Arch Dis Adolesc Med* 2012;166:356-61.

Newgard CD, Kampp M, Nelson M, Zive D, Rea T, Bulger E, Liao M, Sherck J, Hsia R, Wang N, Fleischman R, Barton E, Daya M, Heineman J, Kuppermann N. Deciphering the Use and Predictive Value and Use of “EMS Provider Judgment” in Out-of-Hospital Triage: A Multi-site, Mixed Methods Assessment. *J Trauma* 2012;72:1239-48.

Paterniti, Debora

Moreland CJ, Kravitz RL, Paterniti DA, Li CS, Lin TC, White RH. Anticoagulation education: do patients understand potential medication-related emergencies? *Jt Comm J Qual Patient Saf.* 2013 Jan;39(1):22-31.

Tarn DM, Paterniti DA, Orosz D, Tseng C, Wenger NS. An Intervention to Enhance Communication about Newly Prescribed Medications. *Annals of Family Medicine Ann Fam Med.* 2013 Jan;11(1):28-36.

Butani L, Paterniti DA, Tancredi DJ, Li STT. Attributes of residents as teachers and role models - A mixed methods study of stakeholders. *Med Teach.* 2012 Nov 8. [Epub ahead of print]

Tarn DM, Paterniti DA, Chewing BA, Williams BR, Wenger NS. Older patient, physician and pharmacist perspectives about community pharmacists' roles. *Int J Pharm Pract.* 2012 Oct;20(5):285-93.

Milstein J, Kovar LR, Kovar LJ, Paterniti DA. A Path to Wholeness. *JAMA.* 2012 Sep 12;308(10):985-6.

Fernandez y Garcia E, Duberstein P, Paterniti DA, Cipri CS, Kravitz RL, Epstein RM. Feeling Labeled, Judged, Lectured, and Rejected by Family and Friends Over Depression: Cautionary Results for Primary Care Practitioners from a Multi-Centered, Qualitative Study. *BMC Fam Pract.* 2012 Jun 29;13:64.

Paterniti DA, Co JP, West DC. Is residents' progress on individualized learning plans related to the type of learning goal set? *Acad Med.* Oct;86(10):1293-9.

Kravitz RL, Epstein RM, Bell RA, Rochlen AB, Duberstein P, Riby CH, Caccamo AF, Slee CK, Cipri CS, Paterniti DA. An academic-marketing collaborative to promote depression care: A tale of two cultures. *Patient Educ Couns.* Aug 20. [Epub ahead of print]

Rich BA, Paterniti DA. Conversations About Treatment at the End of Life. *J Gen Intern Med.* Jun;26(6):568-9. [2011 Mar 30. Epub ahead of print]

Kravitz RL, Paterniti DA, Epstein RM, Rochlen AB, Bell RA, Cipri CS, Fernandez y Garcia E, Feldman MD, Duberstein PR. Organizational and Relational Barriers to Depression Help-Seeking in Primary Care: A Qualitative Study. *Patient Education and Counseling.* Feb;82(2):207-13. Epub 2010 Jun 8.

Romano, Patrick

Shaikh U, Nettiksimmons J, Tancredi DJ, Romano PS. Pediatric obesity management in rural clinics in California and the role of telehealth in distance education. *Journal of Rural Health;* 27(3):263-9.

Davies SM, McDonald KM, Schmidt E, Schultz E, Geppert JJ, Romano PS. Expanding the uses of AHRQ's Prevention Quality Indicators: Validity from the clinician perspective. *Medical Care;* 49(8):679-85.

Friedman B, Berdahl T, Simpson LA, McCormick MC, Owens PL, Andrews R, Romano PS. Annual report on healthcare for children and youth in the United States: Focus on trends in hospital use and quality. *Academic Pediatrics;* 11(4):263-79.

Januel JM, Couris CM, Luthi JC, Halfon P, Trombert-üaviot B, Quan H, Drosler S, Sundararajan V, Pradat E, Touzet S, Wen E, Shephard J, Webster G, Romano PS, So L, Moskal L, Tournay-Lewis L, Sundaresan L, Kelley E, Klazinga N, Ghali WA, Colin C, Burnand B, pour les investigateurs du groupe IMECCHI (International Methodology Consortium for Coded Health Information). Adaptation au codage CIM-10 de 15 indicateurs de la sécurité des patients proposés par l'Agence étasunienne pour la recherche et la qualité des soins de santé (AHRQ). *Revue d'Epidemiologie et de Santé Publique;* 59(5):341-50.

Romano PS, Marcin JP, Dai JJ, Yang XD, Kravitz RL, Rocke DM, Dharmar M, Li. Impact of public reporting of coronary artery bypass graft (CABG) surgery performance data on market share, mortality, and patient selection. *Medical Care;* 49(12):1118-25.

Zrelak PA, Baron R, Romano PS. Using the Agency for Healthcare Research and Quality Patient Safety Indicators for targeting nursing quality improvement. *Journal of Nursing Care Quality;* 27(2):99-108.

Shaikh U, Nettiksimmons J, Bell RA, Tancredi DJ, Romano PS. Accuracy of parental report and electronic health record documentation as measures of diet and physical activity counseling. *Academic Pediatrics*; 12(2):81-7.

Drösler SE, Romano PS, Tancredi DJ, Klazinga NS. International comparability of Patient Safety Indicators in 15 OECD member countries: A methodological approach of adjustment by secondary diagnoses. *Health Services Research*; 47(1 Pt 1):275-92.

Yasmeen S, Romano PS, Tancredi DJ, Saito NH, Rainwater JA, Kravitz RL. Screening mammography beliefs and recommendations: A web-based survey of primary care physicians. *BMC Health Services Research*; Feb 6; 12:32.

Moreland CJ, Ritley D, Rainwater J, Romano PS. Policies and language access in California's commercial HMOs: Public reporting and regulation of HMOs' language services. *Journal of Health Care for the Poor and Underserved*; 23(1):474-98.

Tancredi, Daniel

Borges G, Breslau J, Orozco R, Tancredi DJ, Anderson H, Aguilar-Gaxiola S, Medina Mora M-E: A cross-national study on Mexico-US migration, substance use and substance use disorders. *Drug and Alcohol Dependence* 2011, 117(1):16-23.

Breslau J, Borges G, Saito N, Tancredi DJ, Benjet C, Hinton L, Kendler KS, Kravitz R, Vega W, Aguilar-Gaxiola S et al: Migration From Mexico to the United States and Conduct Disorder A Cross-national Study. *Archives of General Psychiatry* 2011, 68(12):1284-1293.

Breslau J, Saito N, Tancredi DJ, Nock M, Gilman SE: Classes of conduct disorder symptoms and their life course correlates in a US national sample. *Psychological Medicine* 2012, 42(5):1081-1089.

Caban-Martinez AJ, Lee DJ, Fleming LE, Arheart KL, LeBlanc WG, McCollister KE, Tancredi DJ, Christ SL, Louie GH, Muennig PA: Arthritis, Occupational Class, and the Aging US Workforce. *American Journal of Public Health* 2011, 101(9):1729-1734.

Davis BB, Liu J-Y, Tancredi DJ, Wang L, Simon SI, Hammock BD, Pinkerton KE: The anti-inflammatory effects of soluble epoxide hydrolase inhibitors are independent of leukocyte recruitment. *Biochemical and Biophysical Research Communications* 2011, 410(3):494-500.

Davis BB, Shen Y-H, Tancredi DJ, Flores V, Davis RP, Pinkerton KE: Leukocytes Are Recruited through the Bronchial Circulation to the Lung in a Spontaneously Hypertensive Rat Model of COPD. *Plos One* 2012, 7(3).

Decker MR, Miller E, McCauley HL, Tancredi DJ, Levenson RR, Waldman J, Schoenwald P, Silverman JG: Sex trade among young women attending family-planning clinics in Northern California. *International Journal of Gynecology & Obstetrics* 2012, 117(2):173-177.

Droesler SE, Romano PS, Tancredi DJ, Klazinga NS: International Comparability of Patient Safety Indicators in 15 OECD Member Countries: A Methodological Approach of Adjustment by Secondary Diagnoses. *Health Services Research* 2012, 47(1):275-292.

Fenton JJ, Jerant AF, von Friederichs-Fitzwater MM, Tancredi DJ, Franks P: Physician Counseling for Colorectal Cancer Screening: Impact on Patient Attitudes, Beliefs, and Behavior. *Journal of the American Board of Family Medicine* 2011, 24(6):673-681.

Fiscella K, Winters P, Tancredi D, Franks P: Racial Disparity in Blood Pressure: is Vitamin D a Factor? *Journal of General Internal Medicine* 2011, 26(10):1105-1111.

Glaser N, Anderson S, Leong W, Tancredi D, O'Donnell M: Cognitive dysfunction associated with diabetic ketoacidosis in rats. *Neuroscience Letters* 2012, 510(2):110-114.

Hsu DC, Tancredi D, Hirsch C: C-Reactive Protein Fails to Predict Geriatric Depression: The Cardiovascular Health Study. *Journal of the American Geriatrics Society* 2012, 60:S162-S162.

Jerant A, Bertakis KD, Fenton JJ, Tancredi DJ, Franks P: Patient-provider Sex and Race/Ethnicity Concordance A National Study of Healthcare and Outcomes. *Medical Care* 2011, 49(11):1012-1020.

Jerant A, Franks P, Tancredi DJ, Saito N, Kravitz RL: Tendency to adhere to provider-recommended treatments and subsequent pain severity among individuals with cancer. *Patient Preference and Adherence* 2011, 5:23-31.

Kaatz S, White RH, Tancredi DJ, Wun T, Schein J, Fields L, Damaraju CV, Raut M, Danielsen B: Severity-of-illness in cancer patients contributes to the risk of hospital-acquired venous thromboembolism (VTE), but not post-discharge VTE. *Thrombosis Research* 2012, 129:S166-S167.

Kravitz RL, Tancredi DJ, Grennan T, Kalauokalani D, Street RL, Jr., Slee CK, Wun T, Oliver JW, Lorig K, Franks P: Cancer Health Empowerment for Living without Pain (Ca-HELP): Effects of a tailored education and coaching intervention on pain and impairment. *Pain* 2011, 152(7):1572-1582.

Kravitz RL, Tancredi DJ, Jerant A, Saito N, Street RL, Grennan T, Franks P: Influence of Patient Coaching on Analgesic Treatment Adjustment: Secondary Analysis of a Randomized Controlled Trial. *Journal of Pain and Symptom Management* 2012, 43(5):874-884.

Leigh JP, Tancredi D, Jerant A, Kravitz RL: Annual Work Hours Across Physician Specialties. *Archives of Internal Medicine* 2011, 171(13):1211-1213.

Li S-TT, Paterniti DA, Tancredi DJ, Co JPT, West DC: Is Residents' Progress on Individualized Learning Plans Related to the Type of Learning Goal Set? *Academic Medicine* 2011, 86(10):1293-1299.

Meehan JP, Danielsen B, Tancredi DJ, Kim S, Jamali AA, White RH: A Population-Based Comparison of the Incidence of Adverse Outcomes After Simultaneous-Bilateral and Staged-Bilateral Total Knee Arthroplasty. *Journal of Bone and Joint Surgery-American Volume* 2011, 93A(23):2203-2213.

Miller E, McCauley H, Decker M, Tancredi DJ, Levenson R, Silverman JG: PARTNER VIOLENCE AND CARE-SEEKING PATTERNS AMONG FEMALE FAMILY PLANNING CLINIC CLIENTS. *Journal of Adolescent Health* 2012, 50(2):S80-S81.

Miller E, McCauley H, Virata MC, Tancredi DJ, Decker M, Moideen F, Silverman JG: FEMALE ADOLESCENT ATHLETES' PERSPECTIVES ON A GENDER-BASED VIOLENCE PREVENTION PROGRAM. *Journal of Adolescent Health* 2012, 50(2):S82-S82.

Schmidt RJ, Hansen RL, Hartiala J, Allayee H, Schmidt LC, Tancredi DJ, Tassone F, Hertz-Picciotto I: Prenatal Vitamins, One-carbon Metabolism Gene Variants, and Risk for Autism. *Epidemiology* 2011, 22(4):476-485.

Shaikh U, Nettiksimmons J, Bell RA, Tancredi D, Romano PS: Accuracy of Parental Report and Electronic Health Record Documentation as Measures of Diet and Physical Activity Counseling. *Academic Pediatrics* 2012, 12(2):81-87.

Underwood MA, Kananurak A, Coursodon CF, Adkins-Reick CK, Chu H, Bennett SH, Wehkamp J, Castillo PA, Leonard BC, Tancredi DJ et al: Bifidobacterium bifidum in a rat model of necrotizing enterocolitis: antimicrobial peptide and protein responses. *Pediatric Research* 2012, 71(5):546-551.

White RH, Brunson A, Murin S, Tancredi DJ, Wun T: Use of vena cava filters in cancer patients in California. *Thrombosis Research* 2012, 129:S161-S162.

White RH, Geraghty E, Tancredi DJ, Brunson A, Romano PS: High Variation in the Use of Vena Cava Filters for Venous Thromboembolism in California Hospitals. *American Journal of Hematology* 2012, 87:S194-S195.

Yasmeen S, Romano PS, Tancredi DJ, Saito NH, Rainwater J, Kravitz RL: Screening mammography beliefs and recommendations: a web-based survey of primary care physicians. *Bmc Health Services Research* 2012, 12.

Wisley, Barth

Wilsey, B. L., Fishman, S. M., Gilson, A. M., Casamalhuapa, C., Baxi, H., Lin, T. C., and Li, C. S. An analysis of the number of multiple prescribers for opioids utilizing data from the California Prescription Monitoring Program. *Pharmacoepidemiol Drug Saf* 2011 20(12):1262-8.

Gilson, A. M., Fishman, S. M., Wilsey, B. L., Casamalhuapa, C., and Baxi, H. Time Series Analysis of California's Prescription Monitoring Program: Impact on Prescribing and Multiple Provider Episodes. *J Pain* 2012 13(2):103-11.

Grant, I., Atkinson, J., Gouaux, B, Wilsey, B. Medical Marijuana: Clearing Away the Smoke. *The Open Neurology Journal*, 2012, 6: 18-25

Appendix D: Public Events

Seminar Series

A weekly seminar series is hosted by CHPR. This is an educational seminar providing UC Davis and external researchers the opportunity to present their research in its current stage/phase and receive feedback from other interested students, staff and faculty researchers at UC Davis in attendance. This is an open seminar and is certified for CME credit. This seminar is active from fall through the spring quarters, following the academic year.