



Memorandum

Date: September 14, 2009

To: Southern Nevada District Board of Health

From: Bonnie Sorenson, R.N., B.S.N., *Director of Clinic & Nursing Services* *BS*
 Lawrence K. Sands, D.O., M.P.H., *Chief Health Officer* *LS*

Subject: Nursing Monthly Report – August 2009

DIVISION OF NURSING DIRECTOR REPORT

I. Immunization Program:

A. Immunization Clinics:	August 2009	August 2008	YTD 2009	YTD 2008
Total Clients	6,729	7,767	54,580	67,486
Total Vaccine	33,199	36,583	125,140	149,114
Gratis	633	N/A	2,153	N/A
B. Health Card Clinic:	August 2009	August 2008	YTD 2009	YTD 2008
Total Client Encounters	8,673	10,469	61,166	79,440
Total Hepatitis A	5,403	7,030	41,472	57,221
Total TB Testing	1,628	1,664	9,866	11,235
C. Perinatal Hepatitis B Program:	August 2009	August 2008	YTD 2009	YTD 2008
Total Active Cases	271	352	225 average	
# of Expectant Women	26	36	194	278
New Cases	14	9	49	79
Closed Cases	7	4	83	57
Total Cases	341	458	average 300-400	
Hospitals Visited	14	8	106	89
D. Vaccines for Children:	August 2009	August 2008	YTD 2009	YTD 2008
Average provider rate (4:3:1:3:3:1)	56.8%		56.8%	62%
Average provider rate (4:3:1:3:3:4)	48.4%	N/A	48.4%	N/A
#of Drop Outs from Program	1	N/A		N/A
#of New Enrollments *	0	N/A		N/A
#of Fed. Qualified Health Ctr.	96	N/A	96	N/A
#of Tribal Health	2	2	2	2
#of Other Public Health Centers	6	2	6	6

Total number of VFC to date is 154, compared to 163 in January of 2009.

*The # of new enrollments is already added to the total # of providers.

E. Immunization Project:	August 2009	August 2008	YTD 2009	YTD 2008
Adolescent - Schools Are Closed				
Clinics Public Schools			119	59
Clinics Private Schools			3	0
Total All Clinics			122	59
Total Clients Seen			1,801	2,936
Total Vaccine			2,199	4,174

F. Child Care:	August 2009	August 2008	YTD 2009	YTD 2008
Child Care Audits	12	0	107	13
Average Immunization Rate	69.8%	29%	69.8%	29%
Feedback	12	0	106	1
Total Clinics	0	0	36	7
Total Clients	0	0	441	106
Total Vaccine	0	0	1,042	275

G. Adult/WPV Program:	August 2009	August 2008	YTD 2009	YTD 2008
Total Worksites Visited	6	7	34	30
Total Patient Encounters	170	233	1,061	1,427
Total Contracts	3	6	177	143
Total Purchase Orders	0	0	22	16

H. Educational Events:	August 2009	August 2008	YTD 2009	YTD 2008
Total Educational Events Held	3	0	10	3

Total Vaccine given for 2008-2009 flu season	YTD 2009	YTD 2008
	29,546	30,601

I. Immunization Exemption Class:	August 2009	August 2008	YTD 2009	YTD 2008
Total Clients Attending	10	19	66	8

We have received the first shipment of flu vaccine in vials. We are not scheduled to receive State vaccine until late September or the first part of October. The tentative opening date for seasonal flu vaccination is September 14th.

The Adult program held a Medical Community Flu Meeting on August 5th. One hundred thirty (130) attendees were given hospital packets designed to meet JACHO standards for staff education.

Several Back to School events were held. Numbers of children vaccinated were high again this year, despite the economic slump and having hours cut at the malls. Clinics were held at Meadows, Boulevard and Galleria; Saturday clinics were held at Ravenholt for 3 consecutive Saturdays, and 2 outreach clinics took place on August 22nd. In total, these "extra" venues administered over 2,640 vaccines to 1,195 children. For the last two weeks of "Back To School", 9,400 children were given 21,500 vaccinations.

We have a new program for Zoster Vaccine. SNHD has connected with eDispense Program which is a billing program for Medicare Part D – paying for seniors to receive the Zoster Vaccine. Information is being given to senior centers regarding availability of vaccine. This information has been placed on our Web site.

II. Community Health Nursing Program:

A. Maternal Child Nursing Program:

The two nurses assigned to the Child Care Health Consultant program have completed the 13 week on-line course from Chapel Hill. They will be meeting with members of the state health division and other stakeholders to develop a standardized training program for Nevada. The MCH Nurses provided support to the new Mesquite Public Health Center in August 2009 and will now turn over operations to the outlying public health clinic staff. The second group of UNLV and Touro nursing students and a Touro Physician’s Assistant will begin their clinical rotation in MCH in September.

B. Special Project Team and Healthy Kids Team:

Members of the team participated in the resource fair sponsored by United Way and Channel 8. The fair targeted individuals who have recently lost their jobs and are in need of finding resources in the community. During the event the team provided information about SNHD clinics and services to 300 individuals. Immunizations were also provided to 44 people. The EPDST Coordinator continues to work on contacting new enrollees of Medicaid and Nevada Check-Up. During August, 173 were contacted and referrals were made. The entire team participated in “Back To School” activities at all of the SHND locations.

C. Nurse Family Partnership (NFP):

The NFP unit had their second Advisory Board Meeting during August. Quarterly reports and information was provided to members and goals for the program were identified.

D. Childhood Lead Poisoning Prevention Program (CLPPP):

Case Management

Lead Screening:

Total number of children screened at community venues -----	0	
Total number of children screened at SNHD PHCs-----	16	
Grand total number of children screened-----	16	630 YTD

Case Management Activities:

Total number of cases opened -----	0	
Total number of cases closed-----	2	
Total number of contacts made by the CLPPP case manager -----	4	
Total number of active cases -----	9	33 YTD

E. Refugee Health Program:

The Refugee Health Program saw 35 clients during August.

III. HIV/STD:

Statistics for August 2009

➤ Newly identified AIDS cases	= 16	YTD = 128
➤ Newly identified HIV infections	= 23	YTD = 150
➤ Pediatric AIDS cases	= 0	YTD = 0
➤ Pediatric HIV infections	= 0	YTD = 0
➤ Perinatally exposed	= 0	YTD = 11

A. Prevention Services:

On-going Outreach sites:

1. The Gay and Lesbian Center – every Monday and Thursday from 1 p.m. to 6 p.m. HIV and STD testing offered. Also 26 Twinrix vaccinations were administered.
2. North Las Vegas Recreation center – every Tuesday from 3 p.m. to 7 p.m.
3. Juvenile Justice Detention Center – every Wednesday and Thursday from 10 a.m. to 4 p.m. HIV and urine based Chlamydia and Gonorrhea testing is available.
4. WIC Owens location on 08/26/09 from 10 a.m. to 3 p.m.
5. Testing and discharge planning (HIV infected inmates) is offered at the City of Las Vegas Detention Centers and Clark County Detention Center.

Outreach Sites:

1. On 8/22/09, HIV testing and counseling was offered to a Hispanic community event at the Hilton Hotel.
2. On 8/27/09, HIV testing and counseling was offered at Safe Nest from 1 p.m. to 5 p.m.

Staff and Community Trainings:

1. On 8/12/09, Fundamentals of HIV from 10 a.m. to 3 p.m.
2. On 8/19/09, all jail testing staff were given Clark County Detention Center safety training.

B. STD Surveillance:

Total Syphilis, Chlamydia and Gonorrhea reported to STD surveillance in August 2009.

Primary Syphilis.....	= 1	YTD = 19
Secondary Syphilis.....	= 4	YTD = 41
Early Latent Syphilis.....	= 9	YTD = 92
Late and Late Latent Syphilis.....	= 1	YTD = 23
Chlamydia.....	= 854	YTD = 5,628
Gonorrhea.....	= 159	YTD = 1,066
Presumptive Congenital Syphilis.....	= 2	YTD = 6

IV. CCHD/SNHD Lab:

A five month QA project between SNPHL and SNHD lab concluded with recommendations from Dr. McCusker, that all rpr titers be done at one lab for consistency purposes. A meeting was called for all participants from the lab transition work group to inform them of these recommendations. Transitioning of this additional testing to SNPHL commenced on 8/31/09.

Refer to the monthly statistical report.

V. Tuberculosis Program:

The TB staff continues to collaborate with a local hospital, a private physician's office and a retail store to conduct a thorough contact investigation related to their specific service areas.

The TB staff also identified the need to re-interview an incarcerated individual related to the 2008 outbreak in the illicit drug crew. This ongoing investigation will be conducted by the Public Health Advisor and will also serve as a learning opportunity for one of the Disease Investigation Intervention Specialists assigned to the TB program.

The outbreak stemming from 2008 continues to identify individuals who may have been exposed. We are awaiting genotyping findings to confirm more cases connected to that index case. Due to the closure of the Public Health Laboratories in the State of California, the turnaround time for this request has been further delayed.

Senior CHN, Laurie Hickstein, along with the TB State Controller, Susanne Paulson, traveled to New York to attend the CDC Report of Verified Case of TB Training (RVCT). Laurie is now a certified RVCT Trainer. Susanne has requested for Nevada to submit RVCT forms electronically.

Tally for the month of people using the TB website for their questions/concerns: 12
Refer to the monthly statistical report.

VI. STD Clinic:

Tally for the month of people using the STD website for their questions/concerns: 19

Tally for the month of August Gratis 278 x 30 = \$8340.00

- Collected 58 partner referral cards

Refer to the monthly statistical report

VII. Nursing Quality Management:

Committee meeting met and the group focused its attention on the Strategic Initiative Quality Improvement committee work as it related to the 2009 district wide Health Fair. The team had some significant points they were recommending to this central committee prior to the proposed event scheduled for this fall. All were informed of the launching of the district wide QI Manual accessible via SharePoint.

VIII. Public Health Centers (PHC): Service number breakdown available via Monthly Activity Report

A. Henderson PHC (HEN): See activity report numbers.

- B. East Las Vegas PHC (ELV): See activity report numbers.
- C. North Las Vegas PHC (NLV): See activity report numbers.
- D. Mesquite PHC – Services initiated August 3, 2009. Immunization services are available on Tuesday and Thursday – 8 a.m. to 4:30 p.m. weekly. One Hundred twenty (120) clients were immunized during August with an average daily count of 20.

IX. Family Planning:

- A. **Region Title X Family Planning:** Karen Atkins, Nursing Supervisor attended the Family Planning National Conference held in Chicago August 19th through the 21st. Program updates were provided along with guidelines for policy, procedure and protocol development consistent with evidence based references. The Massachusetts statewide insurance program was presented and many state participants identified issues with reimbursement, coverage, and services and decreased funding to public health and federal programs. The National conference is held every other year and this year focused on quality, cost effective service delivery and accountability.
 - B. **Peer Review Meeting:** August 13, 2009. The Nurse Practitioner staff was introduced to the methodology for the development and review of evidence based protocols. All APNs will have an opportunity to have input into the protocols and they will then be forwarded to the Medical Director for final approval. Formulation of evidence based protocols is a requirement of Title X Family Planning and will be reviewed during the SNHD Federal Audit which is scheduled for April 2010.
 - C. **Family Planning Monthly Audits:** Completed at ELV, NLV and HEN. Audits reflect input from Senior PHNs for overall completeness of documentation, Supervisor audits for compliance with Best Practice Guidelines and Policy, Nurse Practitioners review for adherence to protocols and standards of practice and M.D. audits for safe practice. There were no issues identified in the audit process for the month of August. The staff will amend the audit frequency to quarterly.
 - D. **Information and Education Committee:** No scheduled meeting.
 - E. **IT Enhancements:** No current updates
 - F. **Infertility Prevention Project (IPP):** No reportable information.
 - G. **Professional Education:** No specific trainings held this month.
- X. Nursing Development/Community Outreach Educator Program**
- A. **Education:**
 1. A total of 10 educational opportunities were provided in August 2009.
 2. Satellite broadcasts (live and taped) and Live Speakers/Instructors (see attached).
 3. More than 46 staff members attended these trainings.
 4. Two CPR classes were conducted in August with 8 attending.

B. Student Activities:

1. Provided orientation for one UNLV School of Medicine pediatric resident scheduled for August.
2. Medical students: Four medical students rotated through the STD clinic in August.
3. Six Touro University nursing students completed their Community Health rotation in August.
4. Scheduled 10 activities for UNLV School of Medicine pediatric resident in August.
5. Conducted orientation for one P.A. student from Touro University in August.
6. Scheduled 16 activities for the P.A. student.
7. Met with instructor from Touro University to schedule next group of nursing students.
8. Met with instructor from UNLV to plan assignments for fall semester nursing students.

C. New Hires: No new hires in August.

D. Other Activities:

1. Oriented to the immunization clinic.
2. Attended flu planning meeting.

BS: mg

Attachments: Monthly Statistical Report – August 2009
In-Service Calendar
Letters of appreciation
Academic Pharmacy Magazine Article

NURSING DIVISION MONTHLY REPORT

August 2009

CLINIC SERVICES

Not all services are available at all locations

Client Encounters by Location	Ravenholt	East LV PHC	North LV PHC	Hend PHC	Laughlin	MCH Satellites	Spring Valley PHC	Cambridge	TB Clinic	Airport	Mesquite	Overton	Adoles. Clinics	Childcare Clinics	Other**	TOTAL
Immunizations	6,729	2,694	1,586	2,398		3					120	44	409		1,052	15,035
Children's Exams		2	1			364						1				368
Family Planning	73	364	410	251												1,098
HIV/AIDS ***	841	6	4	8											867	1,726
Other Services*	17	347	167	106												637
STD Clinic	1,639															1,639
STD Investigations	157															157
TB Treatment/Control									6,918							6,918
Hep. A Desk (Health Card)	3,910	1,532		1,772	76			1,340			43					8,673
TOTAL	13,366	4,945	2,168	4,535	76	367		1,340	6,918		163	45	409	0	1,919	36,251

*First Aid, BP, PKUs

***Total Incl. Immuniz.

**Health Fairs

☐ =not applicable

**** Numbers not available at this time

CLIENT ENCOUNTERS BY PROGRAM

	YTD 2009	YTD 2008
Immunizations	54,601	67,468
Children's Exams	2,297	2,447
Family Planning	11,321	11,932
HIV/AIDS	16,364	12,109
Other Services	4,647	7,394
STD	12,872	13,277
STD Investigations	843	877
TB Treatment & Control	63,350	47,609
Hep. A Desk (Health Card)	61,679	71,429
TOTAL	227,974	234,542

*Numbers are being audited for verification.

Approved by:

BS Bonnie Sorenson

LC Alice Costello

ME Mary Ellen Harrell

VM Veronica Morata-Nichols

PO Patricia O'Rourke-Langston

GO Gwen Osburn

NURSING DIVISION MONTHLY REPORT

August 2009
FIELD SERVICES

NARRATIVE: Out of the 70 referrals received in the Community Health Nursing Program, 44 were in Neonatal Intensive Care Units, and 15 were for Child Protective Services.

COMMUNITY HEALTH Nursing Field Services (Home Visits)	Aug-09	YTD 2009	YTD 2008
MCH Team	21	1186	1928

COMMUNITY HEALTH MCH Healthy Kid's Team Statistical Data	Aug-09	YTD 2009	YTD 2008
		*	*
Clients Seen for Immunizations	1231	4372	
Exams	125	1246	
Fluoride Varnish	19	597	

*started reporting this December 2008

COMMUNITY HEALTH NFP Statistical Data	Aug-09	YTD 2009	YTD 2008
		*	*
Referrals	6	201	
Enrolled	6	82	
Active	93		

* started reporting this December 2008

COMMUNITY HEALTH Refugee Health Program	Aug-09	YTD 2009	YTD 2008
		*	*
Clients Seen	35	422	
Clients Requiring Follow-up for Communicable Disease	9	93	

*started reporting this February 2009

Perinatal Hep. B	Aug-09	Aug-08
Total active cases	271	352
# of expectant women	26	36
New cases	14	9

Vaccines for Children	Aug-09	YTD 2009	Aug-08
Number of Participating Providers	154		171
Number of VFC Site Visits	2	35	2
Number of AFIX (Quality Assurance) Visits	10	46	1
Number of Feedback/Follow-Up Visits	32	173	17
Number of State Requested Visits	7	32	

Workplace Vaccinations	Aug-09	YTD 2009	YTD 2008
Patient Encounters	170	1061	1427
Worksites Visited	6	34	30

NURSING DIVISION MONTHLY REPORT

August 2009
FIELD SERVICES

TB Treatment & Control	Aug-09	YTD 2009	YTD 2008
New Cases	7	68	68
Patients on Prophylaxis	2,528	21,358	15,715
Contact investigations	6	64	82
Encounters	6,918	63,350	47,609

HIV/AIDS Testing by Location	Aug-09	YTD 2009	Aug-08	YTD 2008	Positives	
					YTD 2009	YTD 2008
SNHD-HIV, Outreach	1,095	10,344	1,259	10,686	165	154
SAPTA (Formerly BADA)	66	846	26	765	1	4
MISC.(incl.J Jail)	247	2,187	143	658	12	5
TOTAL	1,408	13,377	1,428	12,109	178 (64)	163

*Parenthesis value represents number that were self-reported previous positive (screening for self-reported previous positives began in 2009)

Case Management Client Contacts	Aug-09	YTD 2009	YTD 2008
Adults - HIV/AIDS	247	2600	4055
Women & Children - HIV/AIDS	390	2303	2712
TOTAL	637	4903	6767

NURSING DIVISION MONTHLY REPORT
August 2009
SUPPORT SERVICES

Volunteers	Number:	YTD 2009	YTD 2008	Hours:	YTD 2009	YTD 2008
Hope Worldwide Nevada		48	62		446.75	93

Laboratory Testing	Aug-09	YTD 2009	YTD 2008
Total Clients	451	5,435	13,629
Total Tests	887	9,857	42,288

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
August 2009						1
In-Service Education						
2	3	4	5	6 BBP 9:30-11:30 HR TR 2	7	8
9	10	11	12 HIV Fundamentals 10-3 400 Shadow Ln. Cherie x0726	13 CPR: Renewal 8:30-12:30 PCR RSVP Sherry	14	15
16	17	18	19	20	21 BBP 9:30-11:30 HR TR 2	22
23	24	25	26 CPR: Renewal 8:30-12:30 PCR RSVP Sherry	27	28 HIV Fundamentals 10-3 400 Shadow LN. Cherie x 0726	29
30	31					



United Blood Services

Donor Recruitment Department
2451 S. Buffalo Drive, Suite 140 / Las Vegas, NV 89117
(702) 228-8400 / FAX (702) 228-0041

August 7, 2009

Ms. Gwen Osburn, Community Health Nurse Manager
Southern Nevada Health District
625 Shadow Lane
Las Vegas, NV 89127

Dear Ms. Osburn:

Congratulations on organizing a successful blood drive at Southern Nevada Health District on 7/15/2009! Your time, careful planning and commitment to the community blood program ensure that the constant demand for blood products is met.

I really appreciate all Sherry Henninger did to recruit donors in order to ensure the drive's success! During the drive, 58 units of blood were collected. These donations have already been tested, processed and separated into various components for use by the 28 hospitals in our service area.

Thanks again for your assistance and effort. Through your support of the community blood program, many lives have been saved. You are our hero. I look forward to our next blood drive together, which is scheduled for 01/27/10!

Sincerely,

Janice Dunnington
Sr. Donor Recruiter
United Blood Services
Find the hero in you. Give blood 3 times a year.

*You set your
all-time record!
Amazing*

CC: Sherry Henninger

JD/ch

RECEIVED
AUG 27 2009
CHIEF HEALTH OFFICER

Lawrence Weekly



Board of County Commissioners

August 26, 2009

Dear Dr Sands,

I would like to take this opportunity to thank you and Southern Nevada Health District, for the generous contribution to my "2009 Back to School Event".

This year, because of your kindness, kids from underserved schools and areas, had the opportunity to receive immunizations to start the 2009 school year.

Thank you once again.

Sincerely,



Lawrence Weekly
Commission-District D

Valery Klaric

From: Dorsey, Meg [REDACTED]
Sent: Friday, August 21, 2009 12:42 PM
To: Lawrence Sands, DO, MPH
Cc: Morata-Nichols, Veronica
Subject: Adult vaccines

RECEIVED
AUG 21 2009
CHIEF HEALTH OFFICER

Dr. Sands,

As a Public Health Nurse and former Immunization Coordinator of a large CA county, I know first hand how hard it can be to initiate new programs in health departments with limited resources and staff spread thin.

I am writing to congratulate Veronica on her leadership and perseverance in initiating eDispense at SNHD and increasing access for adult vaccines to seniors in the community. She was wonderful to work with even through illness and kept working through the process and involving all necessary stakeholders. She is a strong advocate for vaccination and an asset to SNHD as well.

Regards,

Meg

Meg Dorsey, PHN
Senior Public Sector Manager
Merck Vaccine and Infectious Diseases



A

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Kara Bennis

From: Blake, Haley
Sent: Monday, August 31, 2009 8:03 AM
To: Kara Bennis
Subject: FYI: FW: Thank you

Haley Blake
Disease Investigation and Intervention Specialist I
Southern Nevada Health District
[REDACTED]

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From: Karen McLain [REDACTED]
Sent: Monday, August 31, 2009 7:58 AM
To: Nagai, Sage; Blake, Haley
Cc: BEVERLY KITTERMAN
Subject: Thank you

Thank you for coming to our office and helping staff to understand tuberculosis. Your expertise and professionalism made for a great presentation. Comments from staff indicate that they were very appreciative for the handouts and the ability to ask questions. Again Thank you both for the time you gave the Henderson Welfare office.

Karen McLain, MSW

Social Work Supervisor

Henderson District Office

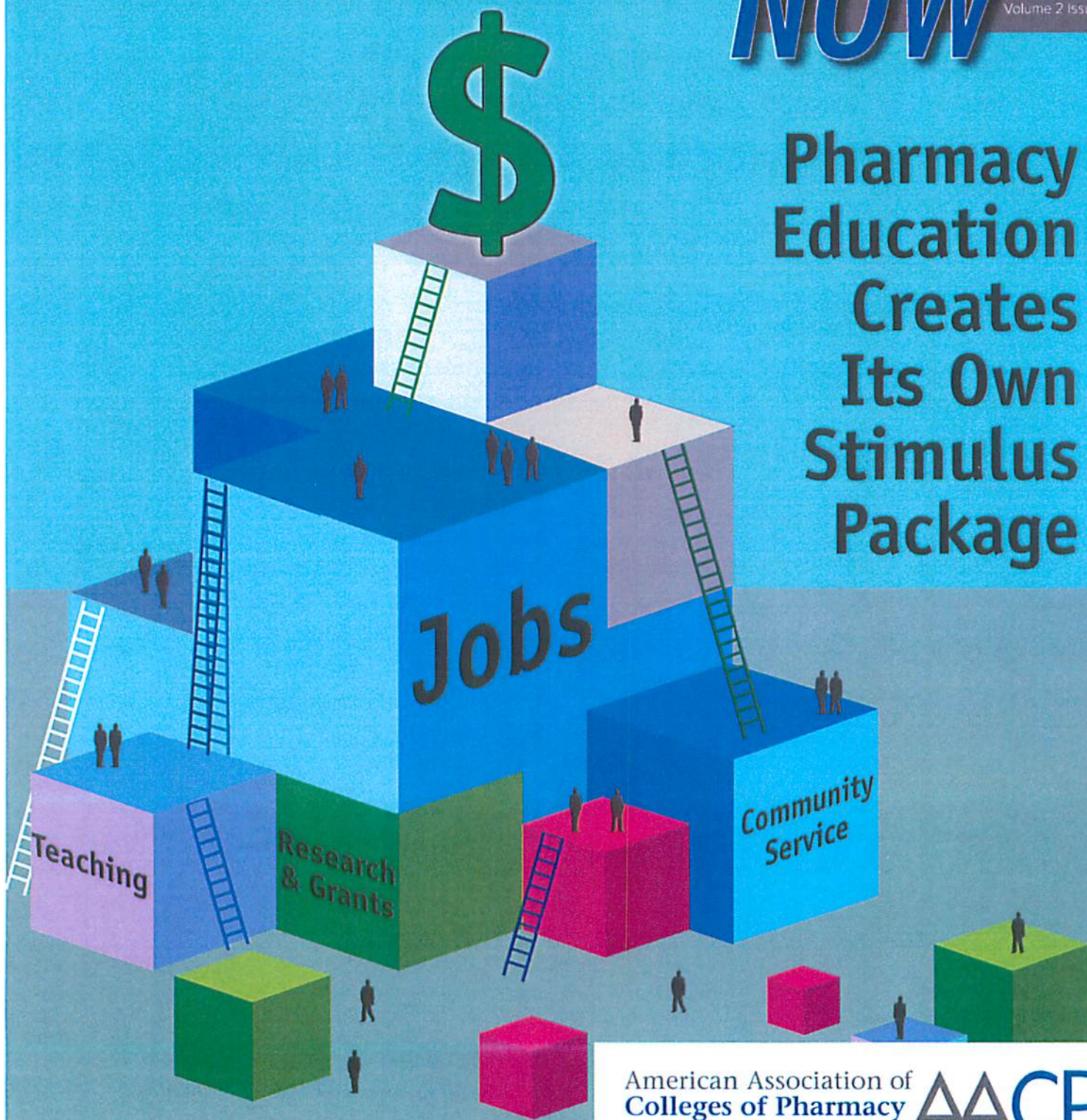
Division of Welfare and Supportive Services
[REDACTED]

Academic Pharmacy

NOW

Jul | Aug | Sept 2009
Volume 2 Issue 3

Pharmacy Education Creates Its Own Stimulus Package



RAISING THE BAR

University of Southern Nevada College of Pharmacy provides enhanced clinical pharmacy services to Las Vegas Valley

BY MAUREEN O'HARA

In July 2009, the University of Southern Nevada (USN) College of Pharmacy celebrated its 10th anniversary as the state's first and only college of pharmacy. Among the college's many accomplishments during its first decade is the successful placement of clinical pharmacy faculty into all of the major hospital systems in the Las Vegas Valley, significantly raising the level of pharmacy practice in the Valley and in turn, providing better patient care.





Top: USN student pharmacists created a poster display to communicate the Know your Sign Campaign, which promoted STD testing and awareness.



Middle: USN student pharmacists Robert Miravite and Wendy Nissen provide blood pressure checks at the World Refugee Day Event.

Right: USN faculty member Dr. Christina Madison, along with USN student pharmacists and nursing staff, provided free vaccinations including Influenza, tetanus, diphtheria, pertussis, and Hepatitis A and B during a Project Homeless Connect health screening for the homeless population in the Las Vegas Metropolitan area.



At the time of the college's inception, only two major hospitals in the Las Vegas Valley had clinical pharmacists. Now all hospitals in the Valley have either co-funded or fully-funded USN College of Pharmacy clinical faculty staffing and rounding with physicians.

The effort to introduce clinical pharmacy services to all hospitals began after an ad hoc committee of practice faculty was formed to assess the college's needs and identify different clinical positions required both in the classroom and on rotation sites. Simultaneously, the college's administration was reaching out to acute care hospitals in the Las Vegas Valley to determine what needs they had to fulfill, hoping that they could help the hospitals meet their clinical needs while fulfilling the college's curricular needs.

Dr. Renee Coffman, dean of the USN College of Pharmacy, spearheaded the initiative and first looked to University Medical Center, a Clark County hospital, as a site for practice faculty and student rotations.

"Medical and nursing students from the University of Nevada system were doing clinical rotations there and from our perspective, we really needed some advanced clinical sites as we increased the number of students over time," Coffman explained.

As the relationship between the hospital and the college developed, Coffman was able to place additional clinical pharmacy faculty at the hospital, which now boasts three fully-funded positions in internal medicine and approximately \$350-\$400,000 in faculty salaries.

One such faculty member is Dr. Mark Decerbo, associate professor of pharmacy at USN College of Pharmacy, who holds a practice site at University Medical Center. Decerbo has been instrumental in the recruitment of qualified clinical faculty, serving on the college's recruitment committee, meeting with potential

faculty candidates and attending various meetings to not only promote available positions at USN, but careers in pharmacy academia as well.

Other Las Vegas Valley hospitals with USN College of Pharmacy clinical faculty are Sunrise Hospital and St. Rose Dominican Hospitals.

"This is a win-win situation for us and the hospitals," Coffman said. "They have received clinical pharmacy services that allow them to offer more to their patients, such as help with medication therapy management and formulary adherence, while at the same time providing us with opportunities for our students to do rotations and for our clinical faculty to have practice sites."

Two years ago, the USN College of Pharmacy partnered with the Southern Nevada Health District to provide clinical pharmacy services to the Public Health District, which serves more than 1.7 million Nevada residents. At the time, pharmacy services offered by the health district consisted of a per diem contract with a pharmacist who repackaged bulk medications once a month. Coffman met with district officials and reached an agreement to place pharmacy faculty in their clinics to see patients, manage their medications, and also train the college's students doing advance pharmacy practice experiences.

Dr. Christina Madison is the USN College of Pharmacy faculty member who is fully integrated into all of the Southern Nevada Health District clinics, which includes sexually transmitted disease, Tuberculosis, family planning, immunization and HIV clinics. At the Tuberculosis clinic, Madison's role is to provide drug information and therapeutic recommendations to physicians and nursing staff, and at the immunization clinic, Madison ensures proper vaccine documentation, identifies any additional required vaccinations and administers vaccines to infants, children and adults.

"I have been extremely fortunate to have the opportunity to educate our students about public health and how a pharmacist can play an important role in providing this kind of care," Madison said. "My goal when I became a pharmacist was to help people and every day I come home from working at my practice site and I feel that I have made a positive impact in someone's life."

Coffman added, "What's most exciting is the opportunity for students to be involved in not only public health but to see patients on a daily basis who are coming into the district health clinics. So our students are providing a lot of clinical pharmacy services in addition to the faculty member."

USN student pharmacist Robert Miravite checks a patient's blood pressure at a Health Screening community event.

