

State of Alaska FY2008 Governor's Operating Budget

Department of Education and Early Development WWAMI Medical Education Component Budget Summary

Component: WWAMI Medical Education

Contribution to Department's Mission

The mission of the Alaska WWAMI program is to promote and provide public medical education to Alaskans, and to encourage graduates to practice medicine in Alaska.

Core Services

This component funds the education and administrative costs for the second, third and fourth year students while they are in attendance at the University of Washington School of Medicine (UWSM) WWAMI program. In addition, these students pay resident tuition and fees at the University of Washington School of Medicine. Funding is also provided to support the clinical sites in Alaska. The basis for the funding structure is determined by the partnership contract between the UWSM, the University of Alaska, and the State of Alaska. Students attend the first year of training at the University of Alaska, Anchorage campus, before continuing training at the UWSM in Seattle. The Commission acts as the state's fiscal agent and administers WWAMI participants services agreements/loans.

- Educate medical students to become physicians
- Provide medical educational opportunities in Alaska
- Create outreach opportunities for rural/underserved pre-college students as well as undergraduate premedical students toward health careers

End Results	Strategies to Achieve Results
<p>A: An Alaska Medical Program</p> <p><u>Target #1:</u> 20 medical students enrolled annually <u>Measure #1:</u> Number of students enrolled</p> <p><u>Target #2:</u> 100% enrollee to graduation rate <u>Measure #2:</u> Percent of graduates</p>	<p>A1: Pre College Outreach</p> <p><u>Target #1:</u> Maintain adequate applicant to opening pool of 4:1 <u>Measure #1:</u> Number of applicants to openings</p> <p><u>Target #2:</u> Increase participation to 165 for UDOC's program and the premedical summit <u>Measure #2:</u> Number of participants</p>
End Results	Strategies to Achieve Results
<p>B: Program Graduates Practice in Alaska</p> <p><u>Target #1:</u> 65% of graduates practice in Alaska <u>Measure #1:</u> Percent practicing in Alaska</p>	<p>B1: Educational opportunities exist to recruit graduates to practice in Alaska</p> <p><u>Target #1:</u> Increase Alaska sites participating in Rural/Underserved Opportunities Program to 15 <u>Measure #1:</u> Number of sites participating</p> <p><u>Target #2:</u> Increase Alaska sites participating in medical clerkship program to 13 <u>Measure #2:</u> Number of Alaska clerkship sites</p> <p><u>Target #3:</u> Increase number of students rotating through Alaska clerkship sites to 137 <u>Measure #3:</u> Number of students</p>

Major Activities to Advance Strategies

- Identify potential training sites
- Recruit physician faculty
- Mentor physician
- Recruit medical students to Alaska clerkship sites
- Ensure quality by student and faculty evaluations
- Visit location
- Work with partner to organize and deliver education series
- Recruit partner institution
- Work with UA to broadcast series

FY2008 Resources Allocated to Achieve Results

FY2008 Component Budget: \$1,698,000

Personnel:

Full time	0
Part time	0
Total	0

Performance Measure Detail

A: Result - An Alaska Medical Program

Target #1: 20 medical students enrolled annually
Measure #1: Number of students enrolled

Number of Medical Students Admitted Annually

Year	No. of Students Admitted
2005	10
2006	10
2007	20*
2008	20*

- * Proposed Expansion

Analysis of results and challenges: WWAMI is a partnership between the State of Alaska, the University of Alaska and the University of Washington School of Medicine that provides outstanding medical education and physicians for Alaska. Historically, 10 Alaskans are admitted to the Alaska WWAMI Medical Education Program. This means that annually there are 40 students in the program. With a proposed class expansion to 20 students in 2007, the total number in the program will increase to 50. The long-term goal is to have 80 students in the program. The challenge is to ensure adequate space and faculty at University of Alaska Anchorage and a sufficient number of clinical training sites to accommodate an expanding program.

Target #2: 100% enrollee to graduation rate
Measure #2: Percent of graduates

Total Enrolled 1971 - 2002	Total Graduates 1971 - 2006	Enrollees to Graduates %
305	289	95%

Analysis of results and challenges: Since the beginning in 1971 at the University of Alaska, Fairbanks, 345 students have been enrolled in the WWAMI program. Forty-three of those students are still in school and are scheduled to graduate between 2007 and 2010. The major challenges involved in attempting a 100% graduation rate are: choosing applicants with characteristics to stay committed to the program through completion, and reinforcing that with a program that offers students desirable educational opportunities. Regardless, graduation rates can be impacted by elements outside of our control such as student withdrawal due to illness or other

factors.

A1: Strategy - Pre College Outreach

Target #1: Maintain adequate applicant to opening pool of 4:1

Measure #1: Number of applicants to openings

Number of Applicants to Openings

Year	Openings	Applicants
2005	10	67

Analysis of results and challenges: Outreach programs to high school and undergraduate students have helped to ensure a consistent pool of qualified applicants. Current outreach efforts include the UDOC's six-week residential program and an annual premed summit. The challenge will be to continue to maintain a large applicant pool with the proposed increase in program open slots.

Target #2: Increase participation to 165 for UDOC's program and the premedical summit

Measure #2: Number of participants

Number of Participants

Year	No. of Participants
2005	21
2006	165
2007	165*
2008	165*

- * Forecast

Analysis of results and challenges: In 2006, a premed summit was added to our outreach efforts. This resulted in a significant increase in the number of potential applicants we were able to reach. The U-DOC program is a comprehensive, residential six-week program. It is designed to encourage high school students from minority, disadvantaged, or rural backgrounds to pursue health-related careers. Both the UDOC program and the PreMed Summit provide an opportunity for high school students, undergraduate students and career counselors to learn about possible medical careers. The challenge is to provide new and updated information for parents, advisors and students to help maintain the 2006 level of participation.

B: Result - Program Graduates Practice in Alaska

Target #1: 65% of graduates practice in Alaska

Measure #1: Percent practicing in Alaska

WWAMI Region Graduates Practicing in Alaska

Year	% of Participating Grads
2006	78%
2007	75%*
2008	75%*

- *Forecast

Analysis of results and challenges: The national average for medical graduate return rate is in the 40 percentile. The means 40% of the students that attended their state supported medical school returned to practice in that state. Because of the great need for physicians in Alaska, our target is set 25% higher than the national average. To date, WWAMI Program in Alaska has successfully exceeded both the national (40%) and the program target rate (65%). To foster practicing in Alaska, WWAMI offers educational opportunities for medical students in rural Alaska and clerkships in various specialties. With a proposed class expansion over the next four years, the challenge will be establishing a corresponding growth in the opportunities that foster practicing in Alaska. During the expansion period, we anticipate the current high return rate may decrease and there for continue to maintain a 65% target return rate.

B1: Strategy - Educational opportunities exist to recruit graduates to practice in Alaska

Target #1: Increase Alaska sites participating in Rural/Underserved Opportunities Program to 15

Measure #1: Number of sites participating

Sites Participating in Rural/Underserved Opportunity Program

Year	# of Sites Participating
2005	6
2006	7
2007	12*
2008	15*

- *Forecast

Analysis of results and challenges: The Rural/Underserved Opportunity Program (R/UOP) is for students who have just completed their first year of medical school. During the summer of 2006, 7 students were placed with physicians in Alaska's rural communities where they shadowed physicians and learned about rural practice. The other 3 first year students got prior approval to do overseas underserved outreach. The challenge is to increase the number of sites participating that will be needed with the class expansion to 20 students per year. We will need to double the number of R/UOP sites with the proposed class size increase to 20 students. WWAMI is currently reviewing 7 new sites for program approval.

Target #2: Increase Alaska sites participating in medical clerkship program to 13

Measure #2: Number of Alaska clerkship sites

Alaska Clerkship Sites

Year	No. of Sites
2005	12
2006	12
2007	12*
2008	13*

- *Forecast

Analysis of results and challenges: Physicians across Alaska train 3rd and 4th year medical students throughout the year. In 2006, 114 students participated in clerkships in Alaska. For the 2004-2005 academic year, a clerkship in neurology began in Anchorage and an obstetrics/gynecology clerkship in Fairbanks. The challenge is to develop new clerkship sites, particularly with the proposed class expansion. Opening a new clerkship site can take up to a year in paperwork and department approval.

Target #3: Increase number of students rotating through Alaska clerkship sites to 137

Measure #3: Number of students

Number of Students Rotating in Alaska Clerkships

Year	No. of Students
2005	107
2006	114
2007	125*
2008	137*

- *Forecast

Analysis of results and challenges: Each year the number of students at the clerkship sites fluctuates due to student preferences and availability of physicians/clerkship sites and slots. These 3rd and 4th year medical student clerkship slots are open to WWAMI students from the five state WWAMI region. Alaskan students get preference for placement in Alaska. As a result of these opportunities to experience medical practice Alaska, a number of students have returned to or relocated to Alaska to practice. With the proposed class expansion it will be necessary to ensure sufficient clerkship sites and department approved physicians to accommodate the increased number of students available for clerkship rotation. It takes time and dedication from practicing physicians to train 3rd and 4th year students. We are currently looking and interviewing potential

sites/physicians.

Key Component Challenges

To continue to allow Alaskans guaranteed access to medical education not available in Alaska and, through the recently implemented service obligation for program participants, to address statewide professional medical workforce needs.

Significant Changes in Results to be Delivered in FY2008

The Alaska WWAMI Program is in the process of class expansion. If the expansion goes through spring of 2007 the entering 2007 class will have ten additional seats. In 2008, we will add 10 more seats and continue until 2010 when all four years will have 20 students, full capacity.

The incoming class in July of 2006 will have had twelve 1st year residents and twelve 2nd year residents. The total number of residents receiving training at the Alaska Family Medicine Residency Program in FY 2007 will be 34 residents. When the expansion is complete, the Alaska Family Medicine Residency will have 36 residents.

Major Component Accomplishments in 2006

- Administered WWAMI contract between the Alaska Postsecondary Education Commission, the University of Alaska, and the University of Washington School of Medicine;
- Continued to enter into participation contracts and service the existing ones. Program participants must serve in Alaska for five years following program completion, if non-compliant they will be required to repay the tuition differential paid on their behalf over the duration of the program, plus interest;
- Provided information on WWAMI to all Alaskan high schools;
- Began a PreMed Summit in Anchorage;
- Mini Medical School, a community continuing education series was held in February in Anchorage and in Fairbanks in October: MedCon, UWSM's free physician consulting service provided 2,950 medical consultations for Alaskan physician in 2005. In the R/UOP program, first year WWAMI students spend 6-8 weeks in the office of a rural/underserved physician. As Alaska's medical school, WWAMI works to make these and other ongoing programs continue to grow and be successful; and
- The Family Practice Residency accepted two additional residents into the program.

Statutory and Regulatory Authority

AS.14.42.030 (d)
AS 14.43.510
20 AAC 19.010-19.900

Contact Information

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**WWAMI Medical Education
Component Financial Summary**

All dollars shown in thousands

	FY2006 Actuals	FY2007 Management Plan	FY2008 Governor
Non-Formula Program:			
Component Expenditures:			
71000 Personal Services	0.0	0.0	0.0
72000 Travel	0.0	0.0	0.0
73000 Services	1,507.3	1,546.7	1,698.0
74000 Commodities	0.0	0.0	0.0
75000 Capital Outlay	0.0	0.0	0.0
77000 Grants, Benefits	0.0	0.0	0.0
78000 Miscellaneous	0.0	0.0	0.0
Expenditure Totals	1,507.3	1,546.7	1,698.0
Funding Sources:			
1004 General Fund Receipts	1,507.3	1,546.7	1,698.0
Funding Totals	1,507.3	1,546.7	1,698.0

**Summary of Component Budget Changes
From FY2007 Management Plan to FY2008 Governor**

All dollars shown in thousands

	<u>General Funds</u>	<u>Federal Funds</u>	<u>Other Funds</u>	<u>Total Funds</u>
FY2007 Management Plan	1,546.7	0.0	0.0	1,546.7
Proposed budget increases:				
-WWAMI Program Fee Increment	151.3	0.0	0.0	151.3
FY2008 Governor	1,698.0	0.0	0.0	1,698.0