

INSTITUTIONAL MEMBERS'

2014 Annual Report Form

Submitted to the Council on Naturopathic Medical Education





*Southwest College of Naturopathic Medicine & Health Sciences
Institutional Members' 2014 Annual Report Form*

Institution's Name: **Southwest College of Naturopathic Medicine & Health Sciences, Inc.**

Program's Name: **Doctor of Naturopathic Medicine**

Degree Awarded: **N.D.**

Report Prepared By: **Kalyani Sury** Title: **Administrative Services Coordinator** Date: **1/15/2015**

PART ONE: Standards

I. Mission and Objectives

If the **institution's** and/or **program's** statement of its mission and objectives were revised during calendar year 2014, please submit the revised statement(s). If no changes, check here: ☒

II. Organization and Administration - Appendix 1

A. Changes in Administration

On a separate sheet, list any senior institutional and naturopathic program administrators who left during calendar year 2014. If no senior administrators left, check here: ☐

List any new senior administrators hired in 2014, and *briefly* describe their education and professional experience. If no administrators are new, check here: ☒

B. Changes in Board of Trustees (or Directors or Governors) - Appendix 2

Has the composition of the **institution's** Board of Trustees changed during 2014? If so, describe on a separate sheet the new composition, providing a *brief* background on any new members. If there were no changes, check here: ☐

C. Changes in Governing Documents - Appendix 3

Enclose a copy of the relevant sections for any changes made to the **institution's** articles of incorporation or bylaws during 2014. If none, check here: ☐

III. Financial Resources

Provide the following documents with this report

1. The institution's audited financial statement for the fiscal year ending in 2014, including the auditor's report - ***Audited Financial Statements for the year ended September 2014 is in the process of being completed and follows.***
2. The institution's and the ND program's current fiscal year budget – **Appendix 4**
3. The institution's and ND program's prior fiscal year budget – **Appendix 5**
4. A completed copy of the CNME Financial Metrics Worksheet (note that this is a relatively new annual reporting requirement adopted by the Council; please feel free to provide any feedback your institution may have on the worksheet) – ***To be provided***



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IV. Faculty (Numbers of Naturopathic Medicine Program Faculty, Fall 2014)

Full-time faculty with N.D. degrees:	<u>12</u>	Part-time faculty with N.D. degrees:	<u>51</u>
Full-time faculty with other doctorates:	<u>8</u>	Part-time faculty with other doctorates:	<u>5</u>
Total number of full-time faculty:	<u>20</u>	Part-time faculty with other degrees:	<u>8</u>
Full-time on-site clinical residents:	<u>8</u>	Total number of part-time faculty:	<u>64</u>
		Total FTE for part-time faculty:	<u>36</u>

V. Student Services (Naturopathic Medicine Program)

Admissions, Enrollment and Graduation Data:

Number of applicants for admission in **2014** (all in-takes): 242
Number of applicants actually admitted in **2014** (all in-takes): 188
Number of students who matriculated during **2014** (all in-takes) **for first-year: 128**
Number of students who matriculated during **2013** (all in-takes) **for first-year: 11**
Ratio of accepted applicants to total number of applicants for first year students for **2014: 78% or 1:1.28**
Number who transferred in during all of **2014** from other ND colleges: 2
Number matriculated with advanced standing in **2014** (not ND transfers): 1
Total number of students ("headcount") enrolled during the fall **2014** semester: 403
Total full-time equivalent enrollment fall **2014: 389**
Total full-time equivalent enrollment fall **2013: 411**
Attrition rate for all enrolled students during the **2013-2014** academic year: 4.8
Number of students who matriculated **for first-year studies** during **2007: 99**
Number of these same students who received an ND from your program by end of **2014: 70**
2014 graduation rate for students who matriculated in **2007: 70%**
ND student loan default rate for **2012: 0%**; total number of ND students in default: 0

If the program has experienced significant growth or significant attrition in either (i) the number of first-year students who matriculated during **2014** (i.e., an increase or a decrease of 25% or more over the number for **2013**), or (ii) the total FTE enrollment in the fall of **2014** (i.e., an increase or a decrease of more than 15% in the FTE number for the entire program), describe on a separate sheet of paper the reasons for the increase (or the decrease) and the steps, if any, that the program has taken to accommodate the increased (or decreased) size of the student body. **Not Applicable**

Describe on a separate sheet what data is collected regularly on graduates to document their success as practitioners (e.g., number of practitioners who have become licensed/entered practice, survey information on graduates' satisfaction with their ND training, etc.) and provide a summary/report on the data obtained in 2014 (or for 2013, if there is no 2014 data) – **Appendix 6**

VI. NPLEX Exam Results Data

Please provide NPLEX exam results data for both the February and August examination administrations pertaining to your institution for the five-year period from **2010** through **2014**. If possible, provide the data in both table and graph formats - **Appendix 7**



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VII. Clinical Education - Appendix 8

Describe on a separate sheet any significant administrative or policy changes that may affect student clinicians or the clinical faculty, as well as any changes in clinical training facilities. List any new training sites established during 2014 and any sites that have been eliminated, **including approved residency sites**. If there were no changes in training sites, check here: ☐

VIII. Continuing Education and Certificate Programs - Appendix 9

If the institution is—or has plans for—offering practicing naturopathic physicians continuing education or certificate programs, either in partnership with other organizations or independently, briefly describe on a separate sheet of paper each program. If no programs are offered or planned, check here: ☐

IX. Library and Information Resources - Appendix 10

If the adequacy and use of the library and information resources were evaluated during 2014, please provide a summary of the results on a separate sheet. If no evaluation was conducted this past year, check here: ☐

X. Research - Appendix 11

Briefly describe on a separate sheet of paper recently completed, current, planned, and/or proposed research projects, including funding information and the level of student involvement.

XI. Physical Resources - Appendix 12

Briefly describe on a separate sheet of paper any major changes in the institution's physical plant during 2014, *if the changes affected the ND program*. Also include information on in-progress or planned changes that may affect the ND program.

XII. Policy on Complaints against Institutional Members or the Council

Under the Council's policies, the *CNME Handbook of Accreditation* must be made available to the institution's community through an administrative office or the library. If a copy of the *Handbook* is made available, check here: ☒

XIII. Policy on Student Complaints

Under the Council's Policy on Student Complaints, a program must have published procedures for receiving complaints from students and must maintain a record of these complaints. Check the box if your program complies with this policy: ☒

XIV. Actions by Other Accreditors or Public Agencies

Affirming and adverse actions affecting your institution or its degree programs by other accreditors or governmental agencies must be reported to CNME within 10 days. Please review the section of the *CNME Handbook of Accreditation* entitled Actions by Other Accreditors and Public Agencies (see pages 30-31 of the 2014 edition) and indicate you have done so by checking this box: ☒



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XV. Substantive Change

Accredited and candidate programs agree to notify CNME of any plans for a substantive change. Please review the Substantive Change section of the *Handbook* (pages 27-28) and indicate you have done so by checking here: ☒

PART TWO: Curriculum Information

Please provide the curriculum information requested below. The information requested pertains only to the naturopathic medicine program.

1. Your program's academic year is divided into:
 - Semesters. Number of weeks in each semester: _____ Number of semesters per year: _____
 - Quarters. Number of weeks in each quarter: 12 Number of quarters per year: 3
 - Other: Summer Term Number of weeks in each: 8
2. Your program uses the following measurement unit in quantifying its students' study and training:
 - Semester Credit Hour: _____
 - Quarter Credit Hour: X
 - Other: _____
3. For **classroom** work, the number of **clock hours** for students to earn one measurement unit of credit (e.g., 15 clock hours equals one semester credit): 12
 - For **laboratory** work: 12
 - For **clinical** work: 12
4. Minimum number of **clock hours** required for graduation:
 - In the classroom and lab courses: 3102
 - In electives: 144 (Total clock hours offered in electives: 494)
 - In the clinical internship: 1218
5. In the spaces provided below, **enter any changes that have been made in the curriculum since the submission of the 2013 annual report to CNME** (list courses and include the old and new credit and clock hours).

In October 2014 with the entering fall 2014 cohort, the following changes were implemented. Based upon assessment data and program review results, these changes were faculty-initiated and faculty-driven, and approved by both the Curriculum Committee and the Faculty Senate.

- A new 5-year track program of study was available to students entering in fall 2014. Students may enter the 5-year track in two ways: (1) they may choose to enter in their first year of study, and (2) they may be required to enter if they do not perform well in their first year of study. 1 credit = 11 contact hours

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- New courses were added as follows:
 - HUBI 5014 Human Biology I Foundations & Applications 4 credits (44 contact hours)
 - HUBI 5014L Human Biology I Foundations Lab 1.5 credits (16.5 contact hours)
 - GNMP 8074 Men's Health 1 credit (11 contact hours)
 - NPLX 5014 Basic Sciences Capstone/NPLEX Review 4 credits (44 contact hours)
 - NPLX 6024 NPLEX I Review 0 credits (60 contact hours)
 - NPLX 8034 NPLEX II Review 0 credits (60 contact hours)

- Courses were reorganized to add content where needed and to eliminate unnecessary redundancy. In this reorganization, no content was lost. Below please find the rationale for reorganization of each course given below:
 - Human Biology Blocks and Labs (HUBI 5010, 5020, 5030) representing 780 contact hours were reorganized into separate microbiology, biochemistry, and research courses and NPLEX reviews were added to total to 808 contact hours.
 - GNMP 6010 was removed and PSYC 6024 was increased from 12 contact hours to 16.5 contact hours and PSYC 7030 was increased from 18 contact hours to 22 contact hours in order to include necessary content and eliminate unnecessary redundancy.
 - PHMD 6054L Hydrotherapy Lab was increased from 12 contact hours to 22 contact hours to include necessary content from and eliminate unnecessary redundancy from ENVM 6010L Depuration Lab, which was removed.
 - NUTR Nutrition IV (11 contact hours) was removed in order to eliminate unnecessary redundancy in other nutrition courses and also throughout the curriculum.
 - GNMP 8051 Musculoskeletal/Orthopedic Conditions (11 contact hours) was removed in order to eliminate unnecessary redundancy in other physical medicine courses.
 - ERMD 8014 Emergency Medicine (33 contact hours) resulted from a combination of ERMD 8010 and 8020 Emergency Medicine I and II (48 contact hours), which were removed to eliminate unnecessary redundancy.

- Please refer to **Appendix 13** for the 4-year and 5-year programs of study implemented in October 2014 for the new, entering cohort. The current program of study that remains in place for the 2nd, 3rd, and 4th year students is also provided (See **Appendix 14**).

7. Describe any other significant changes to the ND program not noted above that were implemented since submission of last year's annual report, and indicate the reason for those changes (e.g., changes in how the clinical training program is delivered, changes in scheduling, etc.):

The academic calendar was reorganized as follows:

- It was 3 quarters of 12 weeks each and summer term of 8 weeks (a total of 44 weeks)
 - It is now 4 quarters of 11 weeks each (a total of 44 weeks)
8. What is the expected length of time it takes for a full-time student to complete your ND program? 4 years. What is the maximum length of time a student may take to complete your ND program? 6 years.

PART THREE: Ongoing Self-Study Process – Appendix 15



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Appendix 1

A. CHANGES IN ADMINISTRATION

Senior Administrators who left in 2014

Cindy Quenneville, VP of Development



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Appendix 2

B. CHANGES IN THE BOARD OF TRUSTEES

Trustees newly appointed in 2014

Michael Hummel (Student Member)

Appointment: March, 2014

Term Expiration: March, 2015

Michael is currently a fourth-year student at SCNM

Nick Reed

Appointment: June, 2014

Term Expiration: June, 2017

Nick has been with Wells Fargo for 17 years and currently serves as a Vice President with the Bank.

Trustees ending terms in 2014

Linda Kaplan

Term Expiration: September, 2014

Peggy Jackson

Term Expiration: September, 2014

Nina Simonson (student member)

Term Expiration: March 2014



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Appendix 3

C. CHANGES IN GOVERNING DOCUMENTS

Changes to the Policy Governance Manual

The following section was updated to the text below by Board of Trustees vote on September 8, 2014. The changes were to clarify the Treatment of People section of the Policy Governance Manual.

With respect to treatment of students, employees, volunteers and the community, dealings shall not be prejudicial, disrespectful, unfair, or undignified.

Accordingly, the president shall not:

1. Operate without procedures which clarify student and employee rules, provide for effective handling of grievances, and protect against wrongful conditions;
2. Discriminate against anyone for expressing dissent;
3. Withhold from or create inadequate due process procedure(s) for students or employees;
4. Fail to acquaint students and employees with their rights and responsibilities;
5. Breach confidences entrusted to the President;

Changes to the Bylaws

The following sections were updated by Board of Trustees vote on September 8, 2014. Section 3.08 clarified manner of meeting and Section 3.12 clarified how electronic votes are handled.

Section 3.08 Place of Meeting.

(a) The board may hold its meetings at such place or places as the board may from time to time elect, or as may be designated in the notice calling the meeting.

(b) Meetings may be held by means of conference telephone, electronic video screen communication or similar communications equipment by means of which all persons participating in the meeting can hear each other and participation in such a meeting shall constitute presence at such meeting.



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(c) Meetings may be held by means of electronic transmission such as e-mail or discussion board and participation shall constitute presence at the meeting as long as both of the following apply: (1) Each participating trustee can communicate with all other trustees; and (2) Each trustee is provided the means of participating in all matters including, without limitation, the capacity to propose, or offer objection to, a specific action to be taken by the corporation.

Section 3.12 Quorum, Manner of Acting, and Adjournment. A majority of the trustees then serving shall constitute a quorum for the transaction of business. Except as otherwise specified in the Articles of Incorporation or these Bylaws or provided by law, the acts of the majority of the trustees present at a meeting at which a quorum is present shall be the acts of the board. The trustees shall act only as a board and the individual trustees shall have no power as such; provided, however, that any action that may be taken at a meeting of the board or of a committee may be taken without a meeting if two-thirds of trustees or committee members, as the case may be, consent thereto in writing. Written consent will be documented and referenced at the next meeting of the board following written consent.



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Appendix 4

BUDGET: 2014 - 2015

Southwest College of Naturopathic Medicine and Health Sciences
Proposed Budget
Source and Use of Funds Summary
FY 2014 - 2015

Source of Revenue	Adopted Budget FY 2013-14	Per Cent of total	Proposed Budget FY 2014-15	Per Cent of total	Budget FY15 > (<) FY14	
Student Tuition & Fees	\$ 10,688,570	70.59%	\$ 11,734,655	71.66%	\$ 1,046,085	9.79%
Contributions & Transfers from Grants & Proceeds	1,635,305	10.80%	2,029,400	12.39%	394,095	24.10%
Medical Center Patient Services Sales (net of discounts)	1,194,920	7.89%	1,088,660	6.65%	(106,260)	-8.89%
Medical Center Lab Sales (net of discounts)	375,920	2.48%	329,200	2.01%	(46,720)	-12.43%
Medicinary Sales (net of discounts)	1,172,465	7.74%	1,115,250	6.81%	(57,215)	-4.88%
Interest & Miscellaneous	28,655	0.19%	28,655	0.17%	-	0.00%
Facility Rental	46,665	0.31%	49,180	0.30%	2,515	5.39%
Total Source of Revenue	\$ 15,142,500	100.00%	\$ 16,375,000	100.00%	\$ 1,232,500	8.14%

Use of Revenue by Object Category

Salaries, Taxes, & Benefits	8,490,810	56.07%	9,043,000	55.22%	552,190	6.50%
Contractual & Professional Services	768,070	5.07%	688,150	4.20%	(79,920)	-10.41%
Office, Classroom, Medical & Lab Supplies	673,900	4.45%	743,000	4.54%	69,100	10.25%
Medicinary Cost of Goods Sold	560,000	3.70%	560,000	3.42%	-	0.00%
Repairs & Maintenance	374,600	2.47%	476,800	2.91%	102,200	27.28%
Utilities & Communications	282,230	1.86%	288,650	1.76%	6,420	2.27%
Postage & Printing	142,550	0.94%	147,300	0.90%	4,750	3.33%
Marketing & Recruiting	251,230	1.66%	346,200	2.11%	94,970	37.80%
Dues, Subscriptions, Licenses & Fees	813,800	5.37%	868,700	5.31%	54,900	6.75%
Official Functions & Travel	150,800	1.00%	151,600	0.93%	800	0.53%
Faculty & Staff Professional Development	118,465	0.78%	147,150	0.90%	28,685	24.21%
Student Scholarships	101,400	0.67%	104,400	0.64%	3,000	2.96%
Insurance	185,215	1.22%	195,000	1.19%	9,785	5.28%
Contingency & Transfers	410,000	2.71%	400,000	2.44%	(10,000)	-2.44%
Unrestricted Reserve - 4% of ND tuition revenue	306,000	2.02%	448,000	2.74%	142,000	46.41%
Amortization, Depreciation, Interest & Related Fees	1,150,690	7.60%	1,381,850	8.44%	231,160	20.09%
Property, Plant, & Equipment	362,740	2.40%	385,200	2.35%	22,460	6.19%
Total Use of Revenue by Object	\$ 15,142,500	100.00%	\$ 16,375,000	100.00%	\$ 1,232,500	8.14%

Use of Revenue by Division

Instruction	3,245,000	21.43%	3,897,800	23.80%	652,800	20.12%
Academic Support	1,879,730	12.41%	1,861,500	11.37%	(18,230)	-0.97%
Medical Center & Extended Sites	3,324,180	21.95%	3,296,750	20.13%	(27,430)	-0.83%
Student Services	1,201,400	7.93%	1,204,500	7.36%	3,100	0.26%
Management & General College-wide Overhead	4,960,550	32.76%	5,510,450	33.65%	549,900	11.09%
Marketing & Development	531,640	3.51%	604,000	3.69%	72,360	13.61%
Total Use of Revenue by Division	\$ 15,142,500	100.00%	\$ 16,375,000	100.00%	\$ 1,232,500	8.14%



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Appendix 5

BUDGET: 2013 - 2014

Soutwest College of Naturopathic Medicine and Health Sciences
Approved Budget
Source and Use of Funds Summary
FY 2013 - 2014

Source of Revenue	Adopted Budget FY 2011-12	Per Cent of total	Adopted Budget FY 2012-13	Per Cent of total	Approved Budget FY 2013-14	Per Cent of total
Student Tuition & Fees	\$ 10,395,750	75.88%	\$ 9,801,690	75.36%	\$ 10,688,570	70.59%
Contributions & Transfers from Grants & Proceeds	789,400	5.76%	964,840	7.42%	1,635,305	10.80%
Medical Center Patient Services Sales (net of discounts)	1,122,845	8.20%	900,000	6.92%	1,194,920	7.89%
Medical Center Lab Sales (net of discounts)	253,200	1.85%	289,000	2.22%	375,920	2.48%
Medicinary Sales (net of discounts)	1,023,400	7.47%	973,135	7.48%	1,172,465	7.74%
Interest & Miscellaneous	24,680	0.18%	28,935	0.22%	28,655	0.19%
Facility Rental	90,725	0.66%	49,400	0.38%	46,665	0.31%
Total Source of Revenue	\$ 13,700,000	100.00%	\$ 13,007,000	100.00%	\$ 15,142,500	100.00%

Use of Revenue by Object Category

Salaries, Taxes, & Benefits	7,818,515	57.07%	7,776,590	59.79%	8,490,810	56.07%
Contractual & Professional Services	551,025	4.02%	458,780	3.53%	768,070	5.07%
Office, Classroom, Medical & Lab Supplies	591,380	4.32%	554,530	4.26%	673,900	4.45%
Medicinary Cost of Goods Sold	524,000	3.82%	500,000	3.84%	560,000	3.70%
Repairs & Maintenance	367,920	2.69%	344,610	2.65%	374,600	2.47%
Utilities & Communications	223,575	1.63%	232,880	1.79%	282,230	1.86%
Postage & Printing	181,205	1.32%	123,860	0.95%	142,550	0.94%
Marketing & Recruiting	278,180	2.03%	221,980	1.71%	251,230	1.66%
Dues, Subscriptions, Licenses & Fees	756,655	5.52%	756,570	5.82%	813,800	5.37%
Official Functions & Travel	154,010	1.12%	111,175	0.85%	150,800	1.00%
Faculty & Staff Professional Development	202,100	1.48%	7,200	0.06%	118,465	0.78%
Student Scholarships	37,180	0.27%	70,180	0.54%	101,400	0.67%
Insurance	185,215	1.35%	185,215	1.42%	185,215	1.22%
Contingency & Transfers	135,670	0.99%	140,000	1.08%	410,000	2.71%
Unrestricted Reserve - 1% of tuition revenue; 2% in FY13	101,500	0.74%	190,000	1.46%	306,000	2.02%
Amortization, Depreciation, Interest & Related Fees	1,204,085	8.79%	1,030,690	7.92%	1,150,690	7.60%
Property, Plant, & Equipment	387,785	2.83%	302,740	2.33%	362,740	2.40%
Total Use of Revenue by Object	\$ 13,700,000	100.00%	\$ 13,007,000	100.00%	\$ 15,142,500	100.00%

Use of Revenue by Division

Instruction	3,053,830	22.29%	3,004,565	23.10%	3,245,000	21.43%
Academic Support	1,389,385	10.14%	1,422,830	10.94%	1,879,730	12.41%
Medical Center & Extended Sites	3,163,000	23.09%	3,191,090	24.53%	3,324,180	21.95%
Student Services	1,172,370	8.56%	1,091,290	8.39%	1,201,400	7.93%
Management & General College-wide Overhead	4,480,690	32.71%	3,971,900	30.54%	4,960,550	32.76%
Marketing & Development	440,725	3.22%	325,325	2.50%	531,640	3.51%
Total Use of Revenue by Division	\$ 13,700,000	100.00%	\$ 13,007,000	100.00%	\$ 15,142,500	100.00%



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DATA ON GRADUATES

Appendix 6

Data are gathered on graduating students and alumni regarding licensure and employment twice annually. SCNM measures a pre-graduation employment rate by gathering data from graduating seniors during the last three months of their enrollment at SCNM. These data include type of employment, and location of employment. SCNM measures a post-graduation employment rate by gathering data from alumni six months after graduation. These data also include the type of employment and location of employment.

Pre-graduation Data Collection Methodology

Pre-graduation statistics are gathered through an email survey, and/or personal or phone contact. The definition of employment is a full commitment of time in the pursuit of the occupation.

6-Months Post Graduation Data Collection Methodology

Email contact to alumni as well as personal and phone contact are made using the same survey used for pre-graduate statistics. Outside sources such the Internet, Facebook and state naturopathic licensing board listing are also used to verify the occupation of the graduate. If no response is received within the given time, the graduate is considered not employed.

Graduation Date Pre-grad employment & 6-Month Post grad employment rate

Graduation Date	Pre-Grad employment rate	6 Month Post-Grad Employment rate
July 2013	56%	86.5%
July 2014	75%	TBD
December 2013	22%	85%



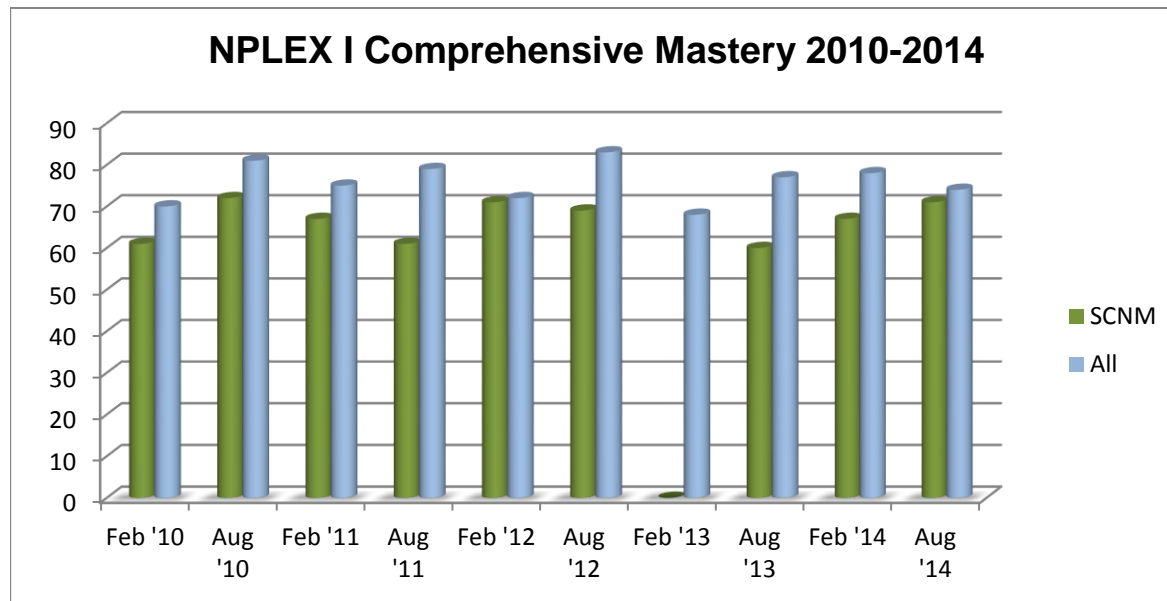
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Appendix 7

NPLEX DATA

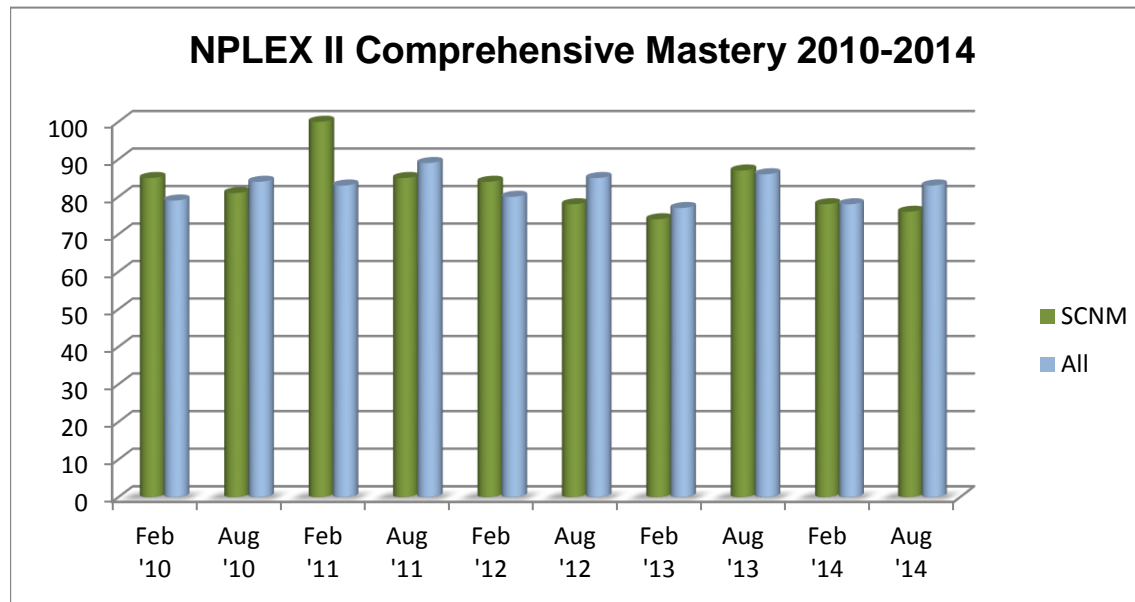
NPLEX
5-YEAR PASS RATES

NPLEX I Comprehensive Mastery 2010 - 2014										
	Feb '10	Aug '10	Feb '11	Aug '11	Feb '12	Aug '12	Feb '13	Aug '13	Feb '14	Aug '14
SCNM	61	72	67	61	71	69	0	60	67	71
All	70	81	75	79	72	83	68	77	78	74



NPLEX
5-YEAR PASS RATES

NPLEX II Comprehensive Mastery 2010 - 2014										
	Feb '10	Aug '10	Feb '11	Aug '11	Feb '12	Aug '12	Feb '13	Aug '13	Feb '14	Aug '14
SCNM	85	81	100	85	84	78	74	87	78	76
All	79	84	83	89	80	85	77	86	78	83





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Appendix 8

VII. CLINICAL EDUCATION

Student Rotation Changes



Extended Site Clinics

- ❖ Pathways Clinic was eliminated due to the building being sold.
- ❖ Changing Lives Clinic was added to take the place of Pathways Clinic.
- ❖ BEACH Clinic in the Balsz School District was eliminated due to a change in the clinic's oversight and administration within the Scottsdale Healthcare NOAH program.



Residency Changes

- ❖ No residency sites were eliminated.
- ❖ SCNM added 3 general medicine positions onsite.
- ❖ SCNM added 2 approved sites.
 - LINK Medical Center, Newport Beach CA
 - Arrowhead Health Center, Glendale, AZ
- ❖ The Arizona Center for Integrative Medicine changed its name to Revolution Health Medicine Center.



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Appendix 9

VIII. CONTINUING MEDICAL EDUCATION

SCNM offers practicing naturopathic physicians continuing medical education.

SCNM sponsored, and/or approved CME credit for the following CME/certification events in 2014:

i. BCIA Certification

“Biofeedback Certification International Alliance”

1. Selective Courses:
 - a. Biofeedback course (Fall session)
 - b. Neurofeedback Course (Winter Session)
2. Target Population: SCNM students, open to alumni also
3. Sponsor: SCNM, Mind-Body Medicine Department
4. Presenter: Multiple faculty presenters
5. Approved CME Credits: 30 hours per course
6. These courses are BCIA-approved and satisfy academic requirements for certification in both biofeedback and neurofeedback

ii. Environmental Causes of Common Chronic Neurological Problems – Headaches to Parkinsonism

1. Dates: March 15-16, 2014
2. Target Population: Naturopathic physicians, and other healthcare professionals
3. Sponsor: SpiritMed
4. Presenter: Walter Crinnion, ND
5. Approved CME credits: 13 hours

iii. Southwest Conference on Botanical Medicine

1. Dates: April 11-13, 2014
2. Target Population: Naturopathic physicians, and other healthcare professionals
3. Sponsor: SCNM, Botanical Medicine Department
4. Event Coordinator: Linnea Wardwell, Dr Patricia Gaines



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5. Approved CME credits:
 - a. CME Hours
 - i. Friday Field Study: 6 CME hours
 - ii. Friday Pre-conference intensive: 3.5 CME hours
 - iii. Main conference: 14 CME hours
 - b. Pharmacy Hours
 - i. Main conference: 6 pharmacy CME hours
 - c. Pre-conference Intensive: 2.5 pharmacy CME hours

iv. Plant Based Nutrition Challenge

1. Dates: Thursdays, March 13 – April 17, 2014, at SCNM
2. Target Population: Public, patients, medical students, and licensed healthcare professionals
3. Sponsor: SCNM
4. Presenter: Paul Mittman, ND
5. Approved CME credits: 6 Hours

v. Bio-Linguistic Kinesiology & Clearing Process

1. Dates: April 18-20, 2014
2. Target Population: Naturopathic and other healthcare professionals
3. Sponsor: SCNM, Mind-Body Department
4. Event Coordinator: John Dye, ND
5. Approved CME credits: 15 hours

vi. Heartmath and HRV for NDs

1. Dates: June 21, 2014
2. Target Population: Naturopathic and other healthcare professionals
3. Sponsor: SCNM, Mind -Body Department
4. Event Coordinator: John Dye, ND
5. Approved CME credits: 4 hours



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vii. Integrative Coding Training

1. Dates: July 11, 2014 and September 26, 2014
2. Target Population: SCNM Medical Center Physicians
3. Sponsor: SCNM
4. Presenter: Ross Kerievsky, DC, ND
5. Approved CME credits: 8 hours, each program

Projected 2015: SCNM plans to offer the following CME events in 2015

i. Certification Courses in Biofeedback and Neurofeedback

Biofeedback Certification International Alliance

6. Selective Courses:
 - a. Biofeedback course (Fall session)
 - b. Neurofeedback Course (Winter Session)
7. Target Population: SCNM students, alumni
8. Sponsor: SCNM, Mind-Body Medicine Department
9. Presenter: Multiple faculty presenters
10. Pending CME Credits: 30 hours per course
11. These courses are BCIA-approved and satisfy academic requirements for certification in both biofeedback and neurofeedback

ii. BioLinguistic Kinesiology & Clearing Process

1. Dates: Feb 6-8, 2015
2. Target Population: Naturopathic and other healthcare professionals
3. Event Coordinator: John Dye, ND
4. Sponsor: SCNM, Mind-Body Department
5. Pending CME credits: 15 hours

iii. Southwest Conference on Botanical Medicine

1. Dates: Spring 2015
2. Target Population: Naturopathic physicians and other healthcare professionals
3. Event Coordinator: Linnea Wardwell, Dr. Patricia Gaines
4. Sponsor: SCNM, Botanical Medicine Department
5. Pending CME credit: ~50 CME hours, including pharmacy



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IX. LIBRARY AND INFORMATION RESOURCES

The library director continued to review the library operations, build the collections and streamline digital access to further enhance overall library functions. Several procedures were streamlined, eliminating extraneous tasks so that the library staff may better serve patrons and accomplish the essential functions of the library, such as that involving the library testing center.

Student library visits to request assistance or utilize the study space and computers have remained steady between 27-34,000 visits annually. Student usage of four consistently licensed, subscription electronic databases has also shown strong growth, as shown by the number of page visits or full-text views in the table below.

Database	2011	2012	2013	2014
Alternate Health Watch	347	618	572	1,289
Clinical Pharmacology	1,063	2,246	8,099	6,879*
Natural Standard	977	2,319	4,255	4,845
UpToDate			681	6,503

*Partial year's data

In February, a vendor digital tool that improves functionality and ease of resource accessibility was chosen from EBSCO, launched as iSearch. iSearch simplifies search. iSearch will thoroughly scour the full text of all SCNM books, journals, CDs, DVDs in the library catalog and digital databases of ebooks and ejournals to return results. Performing a search is as simple as entering a keyword into a single search box. It operates the same as any search engine, but with enhanced functions to allow a more selective search. It will also search PubMed Medline along with several other open access databases. Having one tool to search multiple sources reduces the time spent searching and the necessity to learn different product interfaces, which makes searching simple and effortless.

One major summer project involved the move of books that were misclassified from the National Library of Medicine classification system to be relocated to the proper class section. This involved correcting each catalog bibliographic record, printing new call number labels, adhering them to the books and rearranging the books to its newer, proper location. With continual critical review of the print book collection, older book editions were replaced with new editions or taken out of circulation and books that were out of scope were donated.



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In line with faculty recommendations, the library director worked closely with individual faculty to bring additional databases for student usage. During the fall quarter, the addition of McGraw-Hill and Lippincott Williams & Wilkins electronic book databases added another 120 ebooks to the more than 200 already licensed through STAT!Ref. The books reflect alignment with the curriculum and consistency with student required reading assignments. Electronic video collections were introduced through the databases, Acland Anatomy and Bates Guide to Physical Examinations. Visual databases were also added to include Draw It to Know It Neuroanatomy and VisualDx, an images database. Anatomy TV and MDConsult, defunct to Clinical Key, were removed from the selections.

Journal print and digital holdings number close to 80 specialized, unique titles relevant to the different modalities of complementary medicines and three quarters of them are current subscriptions with the remainder stored as archives for the long term. An additional 250 journal titles are licensed through database packages. All journal titles are unique, intentionally chosen to eliminate duplicate titles. Through interlibrary loan of articles from principal repository libraries, the library is able to obtain the majority of any article requested by students. The interlibrary loan and borrow rate has steadily increased with more students and faculty requesting articles this year compared to last.

During the year, the library director was involved with inter-departmental collaborations to develop a Copyright policy, Intellectual Property policy and course content for a new Research course. In teaching about information literacy to students in the Research course, the library director taught 3 PubMed classes of 2 hours each during the fall quarter and had the full assistance of the Dean of Instruction, who graciously provided invaluable time to aid in the development of the material content.

One particularly exciting development that occurred during the year includes the construction of a new multi-purpose building and where the library will be moved, which will increase the current space four times. With collaborative efforts from varying departments and the inspiration of library staff, floor layouts were finalized and furniture was chosen for the new space. In preparation for the move, the collection was reviewed and new security tags were inserted into each item. Final preparations and plans for the move are being completed with a move-in date at the start of 2015.

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X. RESEARCH

A. Research projects currently conducted at or in affiliation with SCNM:

1. *Preparation of case reports in an evidence-based world to advance alternative medicine*

This research training project is designed to provide SCNM Residents with the knowledge and expertise to evaluate clinical cases and prepare/submit publishable case reports. Participants are taught the importance of case reports as a narrative that describes for medical, scientific, or educational purposes, a medical problem experienced by one or more patients. Medical practitioners are often untrained in the area of preparing and submitting publications and case reports written without guidance from reporting standards are insufficiently rigorous to guide clinical practice or to inform clinical study design. Therefore, participants are taught the CARE guidelines to provide a framework to support the need for completeness, transparency and data analysis in case reports and data from the point of care. This project is overseen by Drs. Jeffrey Langland and Jessica Mitchell. During the previous year, 4 case reports were submitted for potential publication. Currently, 9 Residents are involved in this project.

2. *Current areas of research conducted by students at SCNM:*

- 🌿 Quality control of botanical tinctures: Endogenous bacterial contaminants present in botanical tinctures.
- 🌿 Quality control of botanical tinctures: Standardization by marker compounds in comparison to biological activity.
- 🌿 Characterization of botanicals with anti-microbial activity against antibiotic-resistant bacteria.
- 🌿 Development of bacterial resistance to antimicrobial botanicals.

3. *Current areas of research done at Arizona State University Biodesign Institute in collaboration with SCNM:*

- 🌿 Characterization and formulation of novel anti-viral (herpes and papilloma virus) botanical extracts and blends.
- 🌿 Characterization of a novel anti-poxviral botanical extract: implications as a counter bioterrorism agent and treatment for emerging monkeypox virus infections.

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- ✦ Characterization of immune cell receptors and signal transduction pathways involved in immune stimulation by *Astragalus membranaceus*: role of bacterial lipopolysaccharides.
- ✦ Use of botanicals as adjuvants to increase safety and efficacy of vaccines.
- ✦ Characterization of the activity of the Pitcher plant against human papilloma virus and associated cancers.
- ✦ Understanding variolation: the ancient Chinese method of vaccination against smallpox.

B. Student coursework and involvement in research activities at SCNM:

1. ***RSCH 5014/5024 Research I/II: Evidence Based Inquiry course.*** This course was previously integrated as part of the HUBI 5010/5020/5030 Human Biology course. As of Fall 2014, the curriculum was modified where this stand-alone research class. During the first quarter, students learn the general principles of evidence-based research design and methodology. During the second quarter, students search, critique and present their evaluation of current published research articles.
2. ***RSCH 5034/5044 Research Studies: Case Reports and Meta-Analysis I/II course.*** This course is a newly approved Selective to provide students with the training on choosing, writing and submitting appropriate medical cases or meta-analyses for publication. During the first quarter, students are tasked to find an appropriate case/meta-analysis topic and prepare a writing outline. During the second quarter students prepare figures/tables, write and submit the report to an appropriate journal for review and potential publication. The course is supervised by Dr. Jeffrey Langland, but multiple faculty members are available for student mentorship.
3. ***Students registered for RSCH 6600.*** This course offers students hands-on exposure to research activities teaching them the design, implementation and evaluation of experimentation. Typically 10-25 students are registered per quarter.
4. ***Students involved in research activities on a voluntary basis.*** Many students express an ongoing desire to be involved in research and receive community service credit for their participation in activities. Typically 15-25 students are involved per quarter.

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5. **Research internships.** A limited number of students join the research activities at the Arizona State University Biodesign Institute. This provides students with more in-depth research projects and training. Typically 2-5 students are involved per quarter.

C. Recent publications

1. Snowden, R., Jeane, L., Morrill, K., Garrity, J., Orian, M., Lopez, E., Rezaie, S., Hassberger, K., Familoni, D., Harrington, H., Moore, J., Virdee, K., Alborno-Sanchez, L., Walker, M., Cavins, J., Russell, T., Guse, E., Reker, M., Tschudy, O., Wolf, J., True, T., Ukaegbu, O., Ahaghotu, E., Jones, A., Rochon, Y., Waters, R., and Langland, J. (2014). Comparative anti-Staphylococcus aureus activity of commonly used botanical extracts. *J. Alt. Medicine* 20:375-382.
2. Virdee, K., Uwase, J., Baral, M., Cronin, C., Langland, J.O. (2014). Case report: Food specific IgG antibody-guided exclusion diets followed by resolution of asthma symptoms and reduction in pharmacological interventions in two patients. *Global Adv. Health Med.* (accepted for publication).
3. Denzler, K., Moore, J., Harrington, H., Waters, R., White, S., Morrill, K., Leek, D., Rochon, Y., and Langland, J. (2014). Characterization of the immune response and gene expression following treatment with *Astragalus membranaceus*. *Eur. J. Alt. Med.* (submitted).
4. Grise, D.E., McAllister, H.M., Langland, J.O. (2014). Reversal of Type 2 diabetes mellitus with integrative medicine: a case report. *Global Adv. Health Med.* (submitted).
5. Seenauth, C., Messer, S., Langland, J.O. (2014). Treatment of chronic urticarial with homeopathy: a case study. *Global Adv. Health Med.* (submitted).
6. Wolf, J., Sparks, L., Deng, Y., Langland, J.O. (2014). Restoration of function following traumatic brain injury with acupuncture: a case report. *Global Adv. Health Med.* (submitted).
7. Swanson, M. (2014). Langland, J.O.-Contributing author. "Voices of Naturopathic Research". *Naturopathic Doctor News and Review* (submitted).
8. Ferreira, V., Langland, J.O. (2014). Characterization of the effect of botanical tinctures and oils on the growth and differentiation of *Candida albicans*. (manuscript in preparation).
9. Denzler, K., Harrington, H., Waters, R., Rochon, Y., and Langland, J. (2014). Characterization of antiviral activity of the botanical, *Melissa officinalis*, towards alpha-herpes viruses. (manuscript in preparation).



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D. Recent presentations

1. Harrington, H., Langland, J., Jacobs, B. (2014). International Poxvirus, Asfarvirus and Iridovirus Conference (Victoria, Canada). The role of the Vaccinia virus E3L protein in regulating programmed cell death.
2. Langland, J. and Alianza, M. (Sept 2014). AZBIO White Hat Investors Conference (Phoenix, AZ). Ancient Medicine, Modern Science: Antiviral activity associated with botanical medicine.
3. Wolf, J., L. Marie Sparks, Y. Deng, J. Langland. (Aug 2014). SCNM Research Night. Profound restoration of function of traumatic brain injury with acupuncture: A Case Report.
4. Virdee, K., J. Uwase, M. Baral, C. Cronin, J. Langland. (Aug 2014). SCNM Research Night. Case Studies: Elimination of IgG mediated food allergens followed by resolution of asthma symptoms and reduction in pharmacological interventions. Increasing WBC Counts Using
5. Shiffler, N., H. Paulson, J. Langland. (Aug 2014). SCNM Research Night. Constitutional Hydrotherapy in a Patient with CLL: A Case Study
6. Seenauth, C., S. Messer, J. Langland. (Aug 2014). SCNM Research Night. Treatment of Chronic Urticaria with Homeopathy
7. Grise, G., T. Miller, H. McAllister, J. Langland. (Aug 2014). SCNM Research Night. Reversal of Type 2 Diabetes Mellitus with Naturopathic Medicine: A Case Report
8. Ferreira, V., and Langland, J. (2014). AANP Convention (Scottsdale, AZ). Botanicals which affect the growth of *Candida albicans*.
9. Harrington, H., and Langland, J. (2014). AANP Convention (Scottsdale, AZ). Anti-herpes virus activity associated with botanical extracts from *Melissa officinalis*.
10. Harrington, H., Langland, J., Jacobs, B. (2014). American Society of Virology Convention (Ft. Collins, CO). The role of the Vaccinia virus E3L protein in regulating programmed cell death.

E. Funding proposals submitted

Support of the smallpox research agenda to aid medical countermeasure development: evaluation of anti-viral compounds (2014). NAIAD; joint submission with CDC



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F. Other

1. SCNM Research Night (Aug 2014). Presentation of Resident case reports to the public and SCNM community. Provides Residents with the opportunity to prepare and present their reports in a format similar to national conferences.
2. Preparation and IRB Approval of clinical study to be conducted at the SCNM Medical Center. Title: Preliminary study of a topically applied herbal extract in the treatment of HSV-1 cold sores.

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X. PHYSICAL RESOURCES

The goal of physical resources at SCNM is to ensure the provision of sustainable facilities and services that supports the mission of the College which includes providing the public education, services and resources that support optimal health and wellness. An incredible amount of work has been accomplished during the 2014 year.

The information provided below reflects the new and enhanced physical resources which directly or indirectly affects and supports student learning programs. Also included is information on improved technology infrastructure and equipment.

The 2011 Campus Master Plan identified that SCNM's ability to grow and achieve its goals was challenged by the physical limitations of the current campus buildings. Hence expansion and renovation continued to be a priority for the College in 2014. The campus expansion supports the college's increased enrollment numbers, growing patient volume in the medical center and future plans to add new degree programs and community classes. This expansion is going to increase SCNM's ability to enhance the classroom teaching and learning experience as well as serve patients and the local community.

NEW BUILDING





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Today, SCNM has an opportunity to teach more students, help more patients, including the underserved, and reach and empower the public through community education. To quote Dr. Paul Mittman, President/CEO, "Our new building provides a great way to improve the health of an ever-growing SCNM community – students, staff, faculty, patients and all who wish to learn more about the healing power of nature." As indicated in the 2013 annual report, construction of the new building officially began with the demolition of the 7,000 square foot Annex building and adjacent parking lot in November 2013. The ground breaking was held on January 8, 2014. The project is on track to open early this year.

An evidence based designed building, the 48,000 square-foot addition to the Tempe Campus will house state of the art classrooms and study space, a four-fold expanded library, space for an expanded medicinary, a regenerative pain and rehabilitation center, teaching kitchen and healthy café. Mindful of naturopathic principles, the building will be energy and water efficient, provide excellent air quality and meet the highest standards for non-toxic and low-emitting materials. It should achieve the highest LEED certification – Platinum.

The new building will expand educational opportunities in ways we have never before dreamed, benefiting a growing population of future naturopathic physicians, an incredible community of faculty and staff, and the people in the surrounding community who want to lead a healthier lifestyle. The additional space will enhance students' education of treating pain and adds the space to expand and develop new programs aligned with naturopathic principles.

The operation of the new building is expected to achieve the following:

 **Better Patient care**

SCNM physicians and student clinicians take a different approach to pain treatment. With the expanded natural medicinary and new Integrative Pain Relief Clinic, patients can experience quality health care and natural pain relief. The exam rooms will be larger than most and will accommodate the patients, students and clinicians very well.

 **Improving community health and awareness – including a teaching kitchen and healthy café**

Educating our patients and extended community to make the changes needed for optimal health will be enhanced by the atmosphere, tools, and examples provided in the new café and teaching kitchen. The teaching kitchen and healthy café will offer our internal and external communities a whole new way of enjoying food. Our doctors and students endeavor to help patients understand how they can make different nutritional choices to improve their wellbeing. SCNM has hired Nourish Café to manage campus food service operations

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with delicious meal options tailored to different dietary restrictions and nutrition guidance for the community and patients. There will be new opportunities to empower students, staff, faculty and the community with on campus yoga and exercise, cooking classes, workshops and more.

 **Expanded classroom, library and study space**

Student library visits have steadily increased. The library in the new building will incorporate essential comfort and functionality to accommodate growth. The library will provide a quiet respite for students to study, read and research and also private collaborative learning and group discussion space. In addition to the library, there are large open study areas, smaller enclosed study and wellness rooms, various classrooms, a testing center and tutoring center.

 **Improved student services**

In an effort to coordinate Admissions, Financial Aid, Registration, Career Services and Advising, the new Welcome and Enrollment Center will provide seamless, straightforward and student-oriented systems and procedures. We look forward to our increased ability to serve our students, patients and the public in order to meet today's health challenges head-on.



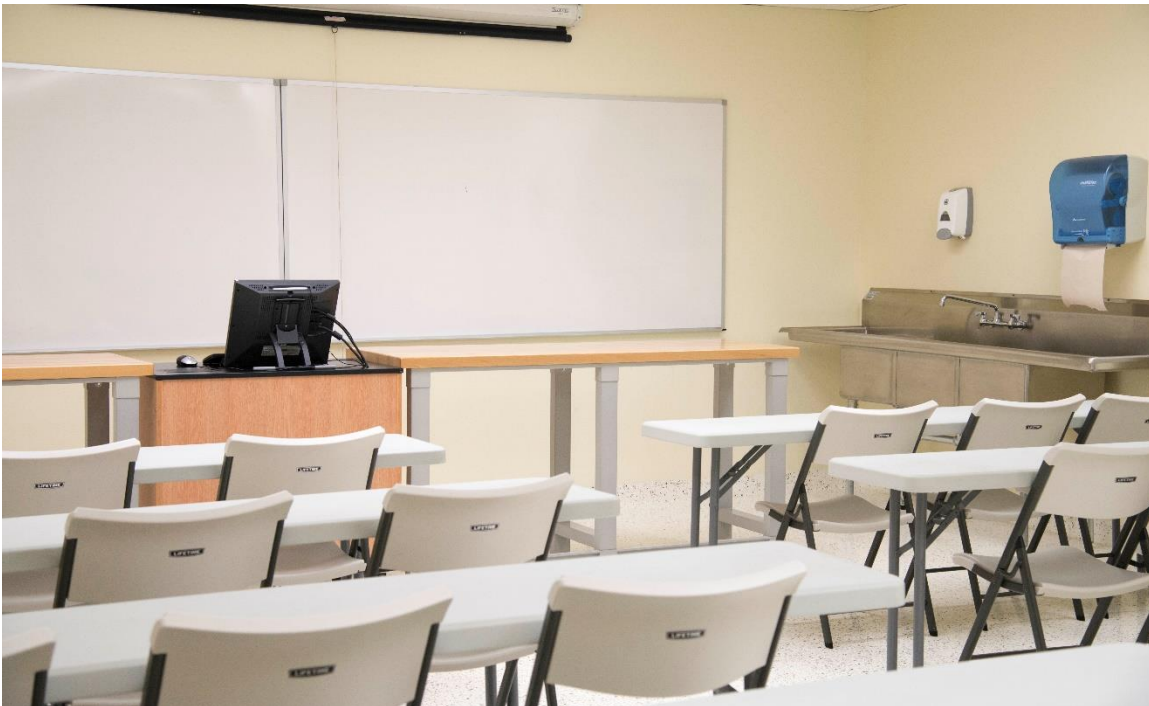
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BOTANICAL MEDICINE LABORATORY

Keeping in mind the needs, function, types of materials handled and to accommodate the size of class sections for the BOTM 6020 – Pharmacy of Botanical Medicine course, a new lab was created in the second floor of the Academic Building. BOTM 6020 is a hands-on course familiarizing students with the preparation of herbal medicine. The format is lecture and interactive demonstration. Students actively participate in the preparation of tinctures and remedies. Criteria such as health and safety of the students and instructors were considered when choosing the paint and flooring for this space. The features of this space includes:

- ❧ Demonstration tables
- ❧ A three-bay sink
- ❧ Herbal storage space
- ❧ Teaching tools including audio visual aids





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SOLAR PROJECT

Parking lots are quickly emerging as a new hotspot for solar projects provides the benefits of lower energy costs plus supporting sustainable practices. Utilizing state and federal rebate programs, SCNM has contracted with a private company to finance, construct and install photovoltaic panels affixed on top of parking structures on the main student parking lot and on the rooftop of the parking garage. Advantages to this facilities improvement are:

- ❖ Covered parking for Arizona's hot summer days
- ❖ Generate electricity that will decrease SCNM's carbon footprint and lower energy costs

SCNM has repaved the parking lot and plans to install car charging stations and emergency phones as well. Expected date of completion is February 2015.

SECURITY ENHANCEMENTS

Identification Card Access System: The installation of the ID card access system was recently completed. Authorized entry into buildings and some interior locations within each building are time controlled depending on school hours and day of the week. The ID card system has been integrated with the video surveillance system to capture both card holder information and footage of the surveyed area. The system also allows for a simplified campus lockdown and better monitoring of individuals on campus.

Phone Paging System: The recent upgrade of the campus telephone system provides a phone paging system in case of an emergency announcement. Phones were added in the classrooms as well.

In addition to the new building cost of \$8 million and infrastructural/FF&E cost of \$1.26 million, the following is a list of major capital acquisitions that directly impact student life on the SCNM campus.

Campus wide proximity card door access control system and general security	\$44,000
Campus wide HVAC upgrades and replacement	\$262,000
Upgrading facilities to meet reasonable ADA requirements	\$52,000
Lighting upgrades with LED, parking lot lights and other electrical upgrades	\$60,000

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INFORMATION TECHNOLOGY RESOURCES

In support of better learning, teaching and collaborative work, advanced and state of the art technology has been incorporated throughout the new building. Some highlights are given below:

Two Large Classrooms (Can be combined into one large lecture hall)

- 🍃 Three 5500 lumen, 16:10 format, WXGA ceiling mounted projectors with image projected onto a 72.5 x 116 inch fixed frame projection screens;
- 🍃 Simultaneous display on all three projectors;
- 🍃 Wireless lapel microphone for speaker reinforcement;
- 🍃 Amplified ceiling speaker system to provide audio playback for the room;
- 🍃 The two classrooms can be combined and share one audio and video source with simultaneous display on all six of the projection screens to create a 360 view.

Standard Classrooms

- 🍃 One 3700 lumen, 16:10 format, WXGA ceiling mounted projector to project image onto a 65 x 104 inch fixed frame projection screen;
- 🍃 Wireless lapel microphone for voice lift in the room;
- 🍃 Amplified ceiling speaker system to provide audio playback for the room;
- 🍃 Easy-to-use, wall mounted, wired button panel shall provide control of display on/off, volume up/down, and source selection.

Meeting Rooms/Tutor Rooms

- 🍃 Wall mounted 46 inch LCD display;
- 🍃 Display speakers to provide audio playback for the room;
- 🍃 Display controlled by a handheld remote;
- 🍃 Multiple computer inputs of student use.

Board Room

- 🍃 3700 lumen, 16:10 format, WXGA ceiling mounted projector with image projected onto a 65 x 104 inch fixed frame projection screen;
- 🍃 Table connectivity box with HDMI, VGA, and 3.5mm connections for connecting guest devices;
- 🍃 Two HD video conference cameras with software based videoconferencing;
- 🍃 Chat features;
- 🍃 Dedicated PC for presentations and providing content for the far end;
- 🍃 Presentation switcher to provide selection of sources to the display or as content for video conferencing;
- 🍃 Wired table top microphones for conferencing which can accommodate up to thirty persons;

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- 🍃 iPad with a table docking charging station shall provide control of display on/off, source selection, audio and video conferencing dialing, volume up/down, and pan-tilt-zoom.

Conference Rooms

- 🍃 72 inch LCD display and tilting wall mount;
- 🍃 The display speakers to provide audio playback for the room;
- 🍃 Easy-to-use, wall mounted, wired button panel to control of display on/off, volume up/down, and source selection.

Display for Area for Library

- 🍃 Wall mounted 60 inch LCD display;
- 🍃 Handheld remote shall provide control of the display.

Demo Kitchen

- 🍃 Two 55 inch LCD displays and one 42 inch LCD display as a confidence monitor and wall mounts;
- 🍃 Three fixed cameras;
- 🍃 High definition presentation recorder to record sessions and played back at another time. The recorder can store approximately 1000 hours of recording;
- 🍃 Ceiling microphone shall also be installed for recording.

Other enhancements to improve the overall IT infrastructure for the whole campus were also made:

- 🍃 New CISCO network infrastructure;
- 🍃 A new fleet of computers for all employees;
- 🍃 Printers throughout the campus were upgraded to support ID card authentication along with Follow me printing allowing printing to any printer by the tap of an ID badge ensuring ease and flexibility for printing;
- 🍃 Installation of CAT 6 cabling and hardware for 328 locations to include data network, phone, wireless access and digital signage;
- 🍃 Installation of HID card readers and door contacts to include cabling for panic buttons and electronic locks;
- 🍃 Launching of a better help desk software to enable better service and monitoring of IT and Facilities related issues on campus.



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Appendix 13

4-YEAR AND 5-YEAR PROGRAMS OF STUDY



PROGRAM OF STUDY - YEAR ONE

		CONTACT HOURS			TOTAL CONTACT HOURS	TOTAL CREDIT HOURS
COURSE #	YEAR ONE QUARTER 1	CLINIC	LAB	DIDACTIC		
HUBI 5014	Human Biology I - Foundations & Application (weeks 1-4)			44.0	44.0	4.0
HUBI 5014L	Human Biology I - Foundations Lab (weeks 1-4)		16.5		16.5	1.5
HUBI 5015	Human Biology I - Neuro & Application (weeks 5-11)			77.0	77.0	7.0
HUBI 5015L	Human Biology I Neuro Lab (weeks 5-11)		27.5		27.5	2.5
BIOC 5014	Biochemistry I			44.0	44.0	4.0
RSCH 5014	Research I			22.0	22.0	2.0
CLPR 5010	Intro to Clinical Practice I ¹	22.0			22.0	2.0
CLPR 5010L	Intro to Clinical Practice I Skills Lab ¹	22.0			22.0	2.0
NTMD 5010	Philosophical & Historical Foundations of Nat Med I			22.0	22.0	2.0
	YEAR ONE QUARTER 1 TOTALS	44.0	44.0	209.0	297.0	27.0
COURSE #	YEAR ONE QUARTER 2	CLINIC	LAB	DIDACTIC		
HUBI 5024	Human Biology II - Cardio / Resp / Kidney & Application			99.0	99.0	9.0
HUBI 5024L	Human Biology II Lab		44.0		44.0	4.0
BIOC 5024	Biochemistry II			22.0	22.0	2.0
MICR 5024	Microbiology I			33.0	33.0	3.0
MICR 5024L	Microbiology I Lab		22.0		22.0	2.0
RSCH 5024	Research II			11.0	11.0	1.0
CLPR 5020	Intro to Clinical Practice II ¹	22.0			22.0	2.0
CLPR 5020L	Intro to Clinical Practice II Skills Lab ¹	22.0			22.0	2.0
NTMD 5020	Philosophical & Historical Foundations of Nat Med II			22.0	22.0	2.0
	YEAR ONE QUARTER 2 TOTALS	44.0	66.0	187.0	297.0	27.0
COURSE #	YEAR ONE QUARTER 3	CLINIC	LAB	DIDACTIC		
HUBI 5034	Human Biology III - Digest / Repro & Application			99.0	99.0	9.0
HUBI 5034L	Human Biology III Lab		44.0		44.0	4.0
BIOC 5034	Biochemistry III			44.0	44.0	4.0
MICR 5034	Microbiology II			44.0	44.0	4.0
CLPR 5030	Intro to Clinical Practice III ¹	22.0			22.0	2.0
CLPR 5030L	Intro to Clinical Practice III Skills Lab ¹	22.0			22.0	2.0
NTMD 5030	Philosophical & Historical Foundations of Nat Med III			22.0	22.0	2.0
	YEAR ONE QUARTER 3 TOTALS	44.0	44.0	209.0	297.0	27.0

PROGRAM OF STUDY - YEAR ONE *(cont.)*

COURSE #	YEAR ONE QUARTER 4	CONTACT HOURS			TOTAL CONTACT HOURS	TOTAL CREDIT HOURS
		CLINIC	LAB	DIDACTIC		
NPLX 5014	Basic Sciences Capstone / NPLEX Review (weeks 1-4)			44.0	44.0	4.0
GNMD 6014	Gen Med Diagnosis I (weeks 5-11)			77.0	77.0	7.0
ENVM 6010	Environmental Med			27.5	27.5	2.5
PSYC 6010	Mind Body Med: Fund of Mind-Body Med			22.0	22.0	2.0
MNGT 6010	Practice Management I: Operations (weekend intensive)			11.0	11.0	1.0
OMND 6010	Oriental Med I: Theory Fundamentals of Oriental Med			27.5	27.5	2.5
PHMD 6010	Physical Med I: Intro to Physical Med & Orthopedics			11.0	11.0	1.0
PHMD 6010L	Physical Med I: Intro to Physical Med & Orthopedic Lab		11.0		11.0	1.0
	YEAR ONE QUARTER 4 TOTALS	0.0	11.0	220.0	231.0	21.0
GRAND TOTALS YEAR ONE		132.0	165.0	825.0	1122.0	102.0

PROGRAM OF STUDY - YEAR TWO

COURSE #	YEAR TWO QUARTER 5	CLINIC	LAB	DIDACTIC		
CLPR 6040	Clinical Practice I ¹	22.0			22.0	2.0
CLPR 6040L	Clinical Practice I Skills Lab ¹	22.0			22.0	2.0
BOTM 6010	Botanical Med I: Intro to Botanical Medicine			22.0	22.0	2.0
GNMD 6024	Gen Med Diagnosis II			99.0	99.0	9.0
NUTR 6014	Nutrition I			22.0	22.0	2.0
OMND 6020	Oriental Med II: TCM Diagnosis			27.5	27.5	2.5
PHAR 6010	Pharmacology & Pharmacotherapeutics I			33.0	33.0	3.0
PHMD 6020	Physical Med II: Nat Manipulative Treatment Assessment & App I			22.0	22.0	2.0
PHMD 6020L	Physical Med II: Nat Manipulative Treatment Assessment & App I Lab		22.0		22.0	2.0
	YEAR TWO QUARTER 5 TOTALS	44.0	22.0	225.5	291.5	26.5

COURSE #	YEAR TWO QUARTER 6	CLINIC	LAB	DIDACTIC		
CLPR 6050	Clinical Practice II ¹	22.0			22.0	2.0
CLPR 6050L	Clinical Practice II Skills Lab ¹	22.0			22.0	2.0
GNMD 6034	Gen Med Diagnosis III			99.0	99.0	9.0
BOTM 6020L	Botanical Med Lab II: Pharm of Bot Med (may be taken in Qtr 6 or 7)		22.0		22.0	2.0
NUTR 6024	Nutrition II			27.5	27.5	2.5
OMND 6030	Oriental Med III: Meridians & Points I			22.0	22.0	2.0
OMND 6030L	Oriental Med III: Meridians & Points I Lab		11.0		11.0	1.0
PHAR 6020	Pharmacology & Pharmacotherapeutics II			33.0	33.0	3.0
PHMD 6030	Physical Med III: Nat Manipulative Treatment Asst & App II			22.0	22.0	2.0
PHMD 6030L	Physical Med III: Nat Manipulative Treatment Asst & App II Lab		22.0		22.0	2.0
	YEAR TWO QUARTER 6 TOTALS	44.0	55.0	203.5	302.5	27.5

COURSE #	YEAR TWO QUARTER 7	CLINIC	LAB	DIDACTIC		
CLPR 6060	Clinical Practice III ¹	22.0			22.0	2.0
CLPR 6060L	Clinical Practice III Skills Lab ¹	22.0			22.0	2.0
GNMD 6044	Gen Med Diagnosis IV			88.0	88.0	8.0
HME0 6010	Homeopathy I			22.0	22.0	2.0
PSYC 6024	Mind Body Med: Intro to Medical Psychotherapy			16.5	16.5	1.5
OMND 6040	Oriental Med IV: Meridians & Points II			16.5	16.5	1.5
OMND 6040L	Oriental Med IV: Meridians & Points II Lab		11.0		11.0	1.0
PHAR 6030	Pharmacology & Pharmacotherapeutics III			33.0	33.0	3.0
PHMD 6040	Physical Med IV: Physiotherapy Modalities			11.0	11.0	1.0
PHMD 6040L	Physical Med IV: Physiotherapy Modalities Lab		11.0		11.0	1.0
PHMD 6054	Physical Med V: Principals of Hydrotherapy			11.0	11.0	1.0
PHMD 6054L	Physical Med V: Principals of Hydrotherapy Lab		22.0		22.0	2.0
CLTR 4304	Clinic Entry Skills Assessment ¹	16.5			16.5	1.5
	YEAR TWO QUARTER 7 TOTALS	60.5	44.0	198.0	302.5	27.5

COURSE #	YEAR TWO QUARTER 8	CLINIC	LAB	DIDACTIC		
NPLX 6024	NPLEX Review (weeks 1-3)			60.0	60.0	0.0
GNMP 6011	Gen Med Practice: Dermatology (weeks 5-11)			11.0	11.0	1.0
GNMP 6012	Gen Med Practice: EENT (weeks 5-11)			22.0	22.0	2.0
OMND 7054	Oriental Med V: TCM Pathology I (weeks 5-11)			16.5	16.5	1.5
	YEAR TWO QUARTER 8 TOTALS	0.0	0.0	109.5	109.5	4.5
GRAND TOTALS YEAR TWO		148.5	121.0	736.5	1006.0	86.0



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PROGRAM OF STUDY - YEAR THREE

		CONTACT HOURS			TOTAL CONTACT HOURS	TOTAL CREDIT HOURS
COURSE #	YEAR THREE QUARTER 9	CLINIC	LAB	DIDACTIC		
BOTM 7030	Botanical Med III: Natur Mat Med Pharm & Ther I			22.0	22.0	2.0
GNMP 7020	Gen Med Practice: Gastroenterology			27.5	27.5	2.5
GYNE 7010	Gynecology I			33.0	33.0	3.0
HMEO 7020	Homeopathy II			33.0	33.0	3.0
NUTR 7034	Nutrition III			27.5	27.5	2.5
OMND 7055	Oriental Med V: TCM Pathology II			27.5	27.5	2.5
OMND 7060	Oriental Med VI: Acupuncture Techniques			11.0	11.0	1.0
OMND 7060L	Oriental Med VI: Acupuncture Techniques Lab		11.0		11.0	1.0
CLTR 7000	Clinical Clerkships (2) ²	88.0			88.0	8.0
	YEAR THREE QUARTER 9 TOTALS	88.0	11.0	181.5	280.5	25.5
COURSE #	YEAR THREE QUARTER 10	CLINIC	LAB	DIDACTIC		
BOTM 7040	Botanical Med IV: Natur Mat Med Pharm & Ther II			27.5	27.5	2.5
GNMP 7030	Gen Med Practice: Endocrinology			27.5	27.5	2.5
GNMP 7031	Gen Med Practice: Hematology			11.0	11.0	1.0
GYNE 7020L	Gynecology Lab (may be taken in Qtr 10 or Qtr 11)		22.0		22.0	2.0
HMEO 7030	Homeopathy III			22.0	22.0	2.0
MNGT 7020	Practice Management II: Marketing (weekend intensive)			11.0	11.0	1.0
OBST 7010	Obstetrics			27.5	27.5	2.5
OMND 7070	Oriental Med VII: Case Analysis & Management I			22.0	22.0	2.0
NUTR 7044	Nutrition IV			22.0	22.0	2.0
MSRG 7010	Minor Surgery I			16.5	16.5	1.5
MSRG 7010L	Minor Surgery I Lab		11.0		11.0	1.0
CLTR 7000	Clinical Clerkships (2) ²	88.0			88.0	8.0
	YEAR THREE QUARTER 10 TOTALS	88.0	33.0	187.0	308.0	28.0
COURSE #	YEAR THREE QUARTER 11	CLINIC	LAB	DIDACTIC		
BOTM 7050	Botanical Med V: Natur Mat Med Pharm & Ther III			22.0	22.0	2.0
GNMP 7040	Gen Practice Med: Cardio / Vasc Med			16.5	16.5	1.5
HMEO 7040	Homeopathy IV			22.0	22.0	2.0
MNGT 7030	Practice Management III: Leadership (weekend intensive)			11.0	11.0	1.0
PSYC 7030	Mind Body Med: Affect Psychotherapy / Crisis Intervention			22.0	22.0	2.0
OMND 7080	Oriental Med VIII: Case Analysis & Management II			22.0	22.0	2.0
PEDS 7010	Pediatrics I			22.0	22.0	2.0
CLTR 7000	Clinical Clerkships (3) ²	132.0			132.0	12.0
CLTR 4504	Comprehensive Clinical Skills Assessment I ¹	22.0			22.0	2.0
	YEAR THREE QUARTER 11 TOTALS	154.0	0.0	137.5	291.5	26.5
COURSE #	YEAR THREE QUARTER 12	CLINIC	LAB	DIDACTIC		
PEDS 8020	Pediatrics II			22.0	22.0	2.0
ERMD 8014	Emergency Medicine			33.0	33.0	3.0
GNMP 7041	Gen Med Practice: Pulmonology			16.5	16.5	1.5
CLTR 7000	Clinical Clerkships (5) ²	220.0			220.0	20.0
	YEAR THREE QUARTER 12 TOTALS	220.0	0.0	71.5	291.5	26.5
GRAND TOTALS YEAR THREE		550.0	44.0	577.5	1171.5	106.5

PROGRAM OF STUDY - YEAR FOUR

			CONTACT HOURS			TOTAL CONTACT HOURS	TOTAL CREDIT HOURS
COURSE #	YEAR FOUR QUARTER 13	CLINIC	LAB	DIDACTIC			
GNMP 8050	Gen Med Practice: Rheumatology			22.0		22.0	2.0
GNMP 8051	Gen Med Practice: Muscul / Ortho			11.0		11.0	1.0
PSYC 8040	Mind Body Med: Medical Mgmt of Addiction			16.5		16.5	1.5
MSRG 8020	Minor Surgery II			11.0		11.0	1.0
MSRG 8020L	Minor Surgery II Lab		11.0			11.0	1.0
CLTR 8000	Clinical Clerkships (5) ²	220.0				220.0	20.0
	YEAR FOUR QUARTER 13 TOTALS	220.0	11.0	60.5		291.5	26.5
COURSE #	YEAR FOUR QUARTER 14	CLINIC	LAB	DIDACTIC			
GNMP 8060	General Med Practice: Neurology			22.0		22.0	2.0
GNMP 8061	General Med Practice: Oncology			16.5		16.5	1.5
CLTR 8000	Clinical Clerkships (5) ²	220.0				220.0	20.0
CLTR 4904	Comprehensive Clinical Skills Assessment II ¹	22.0				22.0	2.0
	YEAR FOUR QUARTER 14 TOTALS	242.0	0.0	38.5		280.5	25.5
COURSE #	YEAR FOUR QUARTER 15	CLINIC	LAB	DIDACTIC			
NPLX 8034	NPLEX II Review (weeks 1-8)			60.0		60.0	0.0
GNMP 8070	Gen Med Practice: Urology / Kidney / Male (weeks 1-8)			16.5		16.5	1.5
GNMP 8071	Gen Med Practice: Geriatrics (weeks 1-8)			22.0		22.0	2.0
GNMP 8074	Gen Med Practice: Men's Health (weeks 1-8)			11.0		11.0	1.0
MNGT 8040	Practice Management IV: Administration (weekend intensive)			11.0		11.0	1.0
CLTR 8000	Clinical Clerkships (2) ² (onsite) (weeks 1-8)	88.0				88.0	8.0
CLTR 8000	Clinical Clerkships (3) ² (electives offsites) (weeks 9-11)	132.0				132.0	12.0
	YEAR FOUR QUARTER 15 TOTALS	220.0	0.0	120.5		340.5	25.5
COURSE #	ADDITIONAL COURSES & CREDITS FOR DEGREE COMPLETION	CLINIC	LAB	DIDACTIC			
TBD	Didactic Selectives* (may be taken in Qtrs 4-15)			132.0		132.0	12.0
CLTR 6600	Lab Post ^{1**} (may be taken in Qtrs 4-8)	11.0				11.0	1.0
CLTR 6704	Medicinary / IV Post ^{1**} (may be taken in Qtrs 4-8)	11.0				11.0	1.0
CLTR 6000	Field Observation ² (may be taken in Qtrs 4-8)	44.0				44.0	4.0
	TOTALS	66.0	0.0	132.0		198.0	18.0
GRAND TOTALS YEAR FOUR		748.0	11.0	351.5		1110.5	95.5
GRAND TOTALS ALL FOUR YEARS		CLINIC	LAB	DIDACTIC		TOTAL	
CREDIT HOURS		143.5	31.0	215.5		390.0	
CONTACT HOURS		1578.5	341.0	2490.5		4410.0	

* The 12 credit hours of didactic selectives may be taken in Qtrs 4-15 (RSCH 6600 may be taken in Qtrs 2-15).

** The lab and medicinary/IV posts may be taken in Qtrs 4-8.

¹ These hours do not count towards the 1200 clock hours of clinical training required by CNME.

² These hours count toward the 1200 clock hours of clinical training required by CNME.



PROGRAM OF STUDY - YEAR ONE

				CONTACT HOURS	TOTAL CONTACT HOURS	TOTAL CREDIT HOURS
COURSE #	YEAR ONE QUARTER 1	CLINIC	LAB	DIDACTIC		
BIOC 5014	Biochemistry I			44.0	44.0	4.0
RSCH 5014	Research I			22.0	22.0	2.0
CLPR 5010	Intro to Clinical Practice I ¹	22.0			22.0	2.0
CLPR 5010L	Intro to Clinical Practice I Skills Lab ¹	22.0			22.0	2.0
NTMD 5010	Philosophical & Historical Foundations of Nat Med I			22.0	22.0	2.0
	YEAR ONE QUARTER 1 TOTALS	44.0	0.0	88.0	132.0	12.0
COURSE #	YEAR ONE QUARTER 2	CLINIC	LAB	DIDACTIC		
BIOC 5024	Biochemistry II			22.0	22.0	2.0
MICR 5024	Microbiology I			33.0	33.0	3.0
MICR 5024L	Microbiology I Lab		22.0		22.0	2.0
RSCH 5024	Research II			11.0	11.0	1.0
CLPR 5020	Intro to Clinical Practice II ¹	22.0			22.0	2.0
CLPR 5020L	Intro to Clinical Practice II Skills Lab ¹	22.0			22.0	2.0
NTMD 5020	Philosophical & Historical Foundations of Nat Med II			22.0	22.0	2.0
	YEAR ONE QUARTER 2 TOTALS	44.0	22.0	88.0	154.0	14.0
COURSE #	YEAR ONE QUARTER 3	CLINIC	LAB	DIDACTIC		
BIOC 5034	Biochemistry III			44.0	44.0	4.0
MICR 5034	Microbiology II			44.0	44.0	4.0
CLPR 5030	Intro to Clinical Practice III ¹	22.0			22.0	2.0
CLPR 5030L	Intro to Clinical Practice III Skills Lab ¹	22.0			22.0	2.0
NTMD 5030	Philosophical & Historical Foundations of Nat Med III			22.0	22.0	2.0
	YEAR ONE QUARTER 3 TOTALS	44.0	0.0	110.0	154.0	14.0
COURSE #	YEAR ONE QUARTER 4	CLINIC	LAB	DIDACTIC		
PSYC 6010	Mind Body Med: Fund of Mind-Body Med			22.0	22.0	2.0
ENVM 6010	Environmental Med			27.5	27.5	2.5
	YEAR ONE QUARTER 4 TOTALS	0.0	0.0	49.5	49.5	4.5
GRAND TOTALS YEAR ONE		132.0	22.0	335.5	489.5	44.5

PROGRAM OF STUDY - YEAR TWO

		CONTACT HOURS			TOTAL CONTACT HOURS	TOTAL CREDIT HOURS
COURSE #	YEAR TWO QUARTER 5	CLINIC	LAB	DIDACTIC		
HUBI 5014	Human Biology I - Foundations & Application (weeks 1-4)			44.0	44.0	4.0
HUBI 5014L	Human Biology I Foundations Lab (weeks 1-4)		16.5		16.5	1.5
HUBI 5015	Human Biology I - Neuro & Application (weeks 5-11)			77.0	77.0	7.0
HUBI 5015L	Human Biology I Neuro Lab (weeks 5-11)		27.5		27.5	2.5
	YEAR TWO QUARTER 5 TOTALS	0.0	44.0	121.0	165.0	15.0
COURSE #	YEAR TWO QUARTER 6	CLINIC	LAB	DIDACTIC		
HUBI 5024	Human Biology II - Cardio / Resp / Kidney & Application			99.0	99.0	9.0
HUBI 5024L	Human Biology II Lab		44.0		44.0	4.0
	YEAR TWO QUARTER 6 TOTALS	0.0	44.0	99.0	143.0	13.0
COURSE #	YEAR TWO QUARTER 7	CLINIC	LAB	DIDACTIC		
HUBI 5034	Human Biology III - Digest / Repro & Application			99.0	99.0	9.0
HUBI 5034L	Human Biology III Lab		44.0		44.0	4.0
	YEAR TWO QUARTER 7 TOTALS	0.0	44.0	99.0	143.0	13.0
COURSE #	YEAR TWO QUARTER 8	CLINIC	LAB	DIDACTIC		
NPLX 5014	Basic Sciences Capstone / NPLEX Review (weeks 1-4)			44.0	44.0	4.0
GNMD 6014	Gen Med Diagnosis I (weeks 5-11)			77.0	77.0	7.0
PHMD 6010	Physical Med I: Intro to Physical Med & Orthopedics			11.0	11.0	1.0
PHMD 6010L	Physical Med I: Intro to Physical Med & Orthopedics Lab		11.0		11.0	1.0
MNGT 6010	Practice Management I: Operations (weekend intensive)			11.0	11.0	1.0
OMND 6010	Oriental Med I: Theory Fundamentals of Oriental Med			27.5	27.5	2.5
	YEAR TWO QUARTER 8 TOTALS	0.0	11.0	170.5	181.5	16.5
GRAND TOTALS YEAR TWO		0.0	143.0	489.5	632.5	57.5

PROGRAM OF STUDY - YEAR THREE

COURSE #	YEAR THREE QUARTER 9	CLINIC	LAB	DIDACTIC		
CLPR 6040	Clinical Practice I ¹	22.0			22.0	2.0
CLPR 6040L	Clinical Practice I Skills Lab ¹	22.0			22.0	2.0
GNMD 6024	Gen Med Diagnosis II			99.0	99.0	9.0
BOTM 6010	Botanical Med I: Intro to Botanical Medicine			22.0	22.0	2.0
NUTR 6014	Nutrition I			22.0	22.0	2.0
OMND 6020	Oriental Med II: TCM Diagnosis			27.5	27.5	2.5
PHAR 6010	Pharmacology and Pharmacotherapeutics I			33.0	33.0	3.0
PHMD 6020	Physical Med II: Nat Manipulative Treatment Asst & App I			22.0	22.0	2.0
PHMD 6020L	Physical Med II: Nat Manipulative Treatment Asst & App I Lab		22.0		22.0	2.0
	YEAR THREE QUARTER 9 TOTALS	44.0	22.0	225.5	291.5	26.5
COURSE #	YEAR THREE QUARTER 10	CLINIC	LAB	DIDACTIC		
CLPR 6050	Clinical Practice II ¹	22.0			22.0	2.0
CLPR 6050L	Clinical Practice II Skills Lab ¹	22.0			22.0	2.0
GNMD 6034	Gen Med Diagnosis III			99.0	99.0	9.0
BOTM 6020L	Botanical Med Lab II: Pharm of Bot Med (may be taken in Qtr 10 or 11)		22.0		22.0	2.0
NUTR 6024	Nutrition II			27.5	27.5	2.5
OMND 6030	Oriental Med III: Meridians & Points I			22.0	22.0	2.0
OMND 6030L	Oriental Med III: Meridians & Points I Lab		11.0		11.0	1.0
PHAR 6020	Pharmacology and Pharmacotherapeutics II			33.0	33.0	3.0
PHMD 6030	Physical Med III: Nat Manipulative Treatment Asst & App II			22.0	22.0	2.0
PHMD 6030L	Physical Med III: Nat Manipulative Treatment Asst & App II Lab		22.0		22.0	2.0
	YEAR THREE QUARTER 10 TOTALS	44.0	55.0	203.5	302.5	27.5

PROGRAM OF STUDY - YEAR THREE (cont.)

COURSE #	YEAR THREE QUARTER 11	CONTACT HOURS			TOTAL CONTACT HOURS	TOTAL CREDIT HOURS
		CLINIC	LAB	DIDACTIC		
CLPR 6060	Clinical Practice III ¹	22.0			22.0	2.0
CLPR 6060L	Clinical Practice III Skills Lab ¹	22.0			22.0	2.0
GNMD 6044	Gen Med Diagnosis IV			88.0	88.0	8.0
HME0 6010	Homeopathy I			22.0	22.0	2.0
PSYC 6024	Mind Body Med: Intro to Medical Psychotherapy			16.5	16.5	1.5
OMND 6040	Oriental Med IV: Meridians & Points II			16.5	16.5	1.5
OMND 6040L	Oriental Med IV: Meridians & Points II Lab		11.0		11.0	1.0
PHAR 6030	Pharmacology & Pharmacotherapeutics III			33.0	33.0	3.0
PHMD 6040	Physical Med IV: Physiotherapy Modalities			11.0	11.0	1.0
PHMD 6040L	Physical Med IV: Physiotherapy Modalities Lab		11.0		11.0	1.0
PHMD 6054	Physical Med V: Principals of Hydrotherapy			11.0	11.0	1.0
PHMD 6054L	Physical Med V: Principals of Hydrotherapy Lab		22.0		22.0	2.0
CLTR 4304	Clinic Entry Skills Assessment ¹	16.5			16.5	1.5
	YEAR THREE QUARTER 11 TOTALS	60.5	44.0	198.0	302.5	27.5
COURSE #	YEAR THREE QUARTER 12	CLINIC	LAB	DIDACTIC	TOTAL CONTACT HOURS	TOTAL CREDIT HOURS
NPLX 6024	NPLEX Review (weeks 1-3)			60.0	60.0	0.0
GNMP 6011	Gen Med Practice: Dermatology (weeks 5-11)			11.0	11.0	1.0
GNMP 6012	Gen Med Practice: EENT (weeks 5-11)			22.0	22.0	2.0
OMND 7054	Oriental Med V: TCM Pathology I (weeks 5-11)			16.5	16.5	1.5
	YEAR THREE QUARTER 12 TOTALS	0.0	0.0	109.5	109.5	4.5
GRAND TOTALS YEAR THREE		148.5	121.0	736.5	1006.0	86.0

PROGRAM OF STUDY - YEAR FOUR

COURSE #	YEAR FOUR QUARTER 13	CLINIC	LAB	DIDACTIC	TOTAL CONTACT HOURS	TOTAL CREDIT HOURS
BOTM 7030	Botanical Med III: Natur Mat Med Pharm & Ther I			22.0	22.0	2.0
GNMP 7020	Gen Med Practice: Gastroenterology			27.5	27.5	2.5
GYNE 7010	Gynecology I			33.0	33.0	3.0
HME0 7020	Homeopathy II			33.0	33.0	3.0
NUTR 7034	Nutrition III			27.5	27.5	2.5
OMND 7055	Oriental Med V: TCM Pathology II			27.5	27.5	2.5
OMND 7060	Oriental Med VI: Acupuncture Techniques			11.0	11.0	1.0
OMND 7060L	Oriental Med VI: Acupuncture Techniques Lab		11.0		11.0	1.0
CLTR 7000	Clinical Clerkships (2) ²	88.0			88.0	8.0
	YEAR FOUR QUARTER 13 TOTALS	88.0	11.0	181.5	280.5	25.5
COURSE #	YEAR FOUR QUARTER 14	CLINIC	LAB	DIDACTIC	TOTAL CONTACT HOURS	TOTAL CREDIT HOURS
BOTM 7040	Botanical Med IV: Natur Mat Med Pharm & Ther II			27.5	27.5	2.5
GNMP 7030	Gen Med Practice: Endocrinology			27.5	27.5	2.5
GNMP 7031	Gen Med Practice: Hematology			11.0	11.0	1.0
GYNE 7020L	Gynecology Lab (must be taken in Qtr 14 or Qtr 15)		22.0		22.0	2.0
HME0 7030	Homeopathy III			22.0	22.0	2.0
MNGT 7020	Practice Management II: Marketing (weekend intensive)			11.0	11.0	1.0
OBST 7010	Obstetrics			27.5	27.5	2.5
OMND 7070	Oriental Med VII: Case Analysis and Management I			22.0	22.0	2.0
NUTR 7044	Nutrition IV			22.0	22.0	2.0
MSRG 7010	Minor Surgery I			16.5	16.5	1.5
MSRG 7010L	Minor Surgery I Lab		11.0		11.0	1.0
CLTR 7000	Clinical Clerkships (2) ²	88.0			88.0	8.0
	YEAR FOUR QUARTER 14 TOTALS	88.0	33.0	187.0	308.0	28.0
COURSE #	YEAR FOUR QUARTER 15	CLINIC	LAB	DIDACTIC	TOTAL CONTACT HOURS	TOTAL CREDIT HOURS
BOTM 7050	Botanical Med V: Natur Mat Med Pharm & Ther III			22.0	22.0	2.0
GNMP 7040	Gen Med Practice: Cardio / Vasc Med			16.5	16.5	1.5
HME0 7040	Homeopathy IV			22.0	22.0	2.0
MNGT 7030	Practice Management III: Leadership (weekend intensive)			11.0	11.0	1.0
PSYC 7030	Mind Body Med: Affect Psychotherapy / Crisis Intervention			22.0	22.0	2.0
OMND 7080	Oriental Med VIII: Case Analysis and Management II			22.0	22.0	2.0
PEDS 7010	Pediatrics I			22.0	22.0	2.0
CLTR 7000	Clinical Clerkships (3) ²	132.0			132.0	12.0
CLTR 4504	Comprehensive Clinical Skills Assessment I ¹	22.0			22.0	2.0
	YEAR FOUR QUARTER 15 TOTALS	154.0	0.0	137.5	291.5	26.5

PROGRAM OF STUDY - YEAR FOUR (cont.)

COURSE # YEAR FOUR QUARTER 16	CONTACT HOURS			TOTAL CONTACT HOURS	TOTAL CREDIT HOURS
	CLINIC	LAB	DIDACTIC		
PEDS 8020 Pediatrics II			22.0	22.0	2.0
ERMD 8014 Emergency Medicine			33.0	33.0	3.0
GNMD 7041 Gen Med Practice: Pulmonology			16.5	16.5	1.5
CLTR 7000 Clinical Clerkships ² (5)	220.0			220.0	20.0
YEAR FOUR QUARTER 16 TOTALS	220.0	0.0	71.5	291.5	26.5
GRAND TOTALS YEAR FOUR	550.0	44.0	577.5	1171.5	106.5

PROGRAM OF STUDY - YEAR FIVE

COURSE # YEAR FIVE QUARTER 17	CLINIC	LAB	DIDACTIC		
GNMP 8050 Gen Med Practice: Rheumatology			22.0	22.0	2.0
GNMP 8051 Gen Med Practice: Muscul / Ortho			11.0	11.0	1.0
PSYC 8040 Mind Body Med: Medical Mgmt of Addiction			16.5	16.5	1.5
MSRG 8020 Minor Surgery II			11.0	11.0	1.0
MSRG 8020 Minor Surgery Lab II		11.0		11.0	1.0
CLTR 8000 Clinical Clerkships ² (5)	220.0			220.0	20.0
YEAR FIVE QUARTER 17 TOTALS	220.0	11.0	60.5	291.5	26.5
COURSE # YEAR FIVE QUARTER 18	CLINIC	LAB	DIDACTIC		
GNMP 8060 Gen Med Practice: Neurology			22.0	22.0	2.0
Gen Med Practice: Oncology			16.5	16.5	1.5
Clinical Clerkships ² (5)	220.0			220.0	20.0
Comprehensive Clinical Skills Assessment I ¹	22.0			22.0	2.0
YEAR FIVE QUARTER 18 TOTALS	242.0	0.0	38.5	280.5	25.5

STUDENTS ENTERING FALL 2013-2014, GRADUATING SPRING 2016- 2017

Quarter 1 Fall 2013-2014/Winter 2013-2014

Course #	Course Title
CLPR 5010	Introduction to Clinical Practice I2
CLPR 5010L	Introduction to Clinical Prac. Skills Lab I*2
HUBI 5010	Human Biology I
HUBI 5010L	Human Biology Lab I
HUBI 5010A	Human Biology Applications I
NTMD 5010	Philosophical & Histor. Foundations of Naturopathic Medicine
Year 1 Quarter 1 Totals	

Contact Hours			Total Contact	Total Credit
Clinic	Lab	Didactic		
24.0			24.0	2.0
24.0			24.0	2.0
		180.0	180.0	15.0
	48.0		48.0	4.0
		24.0	24.0	2.0
		24.0	24.0	2.0
48.0	48.0	228.0	324.0	27.0

Quarter 2 Winter 2013-2014/Spring 2013-2014

Course #	Course Title
CLPR 5020	Introduction to Clinical Practice II2
CLPR 5020L	Introduction to Clin. Prac. Skills Lab II*2
HUBI 5020	Human Biology II
HUBI 5020L	Human Biology Lab II
HUBI 5020A	Human Biology Applications II
NTMD 5020	Philosophical & Histor. Foundations of Naturopathic Medicine II
Year 1 Quarter 2 Totals	

Contact Hours			Total Contact	Total Credit
Clinic	Lab	Didactic		
24.0			24.0	2.0
24.0			24.0	2.0
		180.0	180.0	15.0
	48.0		48.0	4.0
		24.0	24.0	2.0
		24.0	24.0	2.0
48.0	48.0	228.0	324.0	27.0

Quarter 3 Spring 2013-2014/Summer 2013-2014

Course #	Course Title
CLPR 5030	Introduction to Clinical Practice III2
CLPR 5030L	Introduction to Clin. Prac. Skills Lab III*2
HUBI 5030	Human Biology III
HUBI 5030L	Human Biology Lab III
HUBI 5030A	Human Biology Applications III
NTMD 5030	Philosophical & Histor. Foundations of Naturopathic Medicine III
Year 1 Quarter 3 Totals	

Contact Hours			Total Contact	Total Credit
Clinic	Lab	Didactic		
24.0			24.0	2.0
24.0			24.0	2.0
		180.0	180.0	15.0
	72.0		72.0	6.0
		24.0	24.0	2.0
		24.0	24.0	2.0
48.0	72.0	228.0	348.0	29.0

Year 1: Quarters 1 - 3 Totals

144.0	168.0	684.0	996.0	83.0
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Quarter Year 1 Summer 2013-2014 (Optional)

Course #	Must complete the following summer (Q7) if not completed earlier:
TBD	Didactic Selectives****
CLTR 6600	Lab Posts*****2
CLTR 6700	Medicinary Posts*****2
CLTR 6000	Field Observation1
Total Credits	

Contact Hours			Total Contact	Total Credit
Clinic	Lab	Didactic		
		72.0	72.0	6.0
12			12	1.0
12.0			12.0	1.0
60.0			60.0	5.0
84.0	0.0	72.0	156.0	13.0

PROGRAM OF STUDY



Quarter 4 Fall 2014-2015

Course #	Course Title
GNMD 6010	General Medical Diagnosis I
CLPR 6040	Clinical Practice I2
CLPR 6040L	Clinical Practice Skills Lab I*2
ENVM 6010	Environmental Medicine I & II
ENVM 6010L	Environmental Medicine Lab
PSYC 6010	Mind-Body Medicine I
MNGT 6010	Practice Management I
OMND 6010	Oriental Medicine I
PHAR 6010	Pharmacology I
PHMD 6010	Physical Medicine I
PHMD 6010L	Physical Medicine Lab I
Year 2 Quarter 4 Totals	

Contact Hours			Total Contact Hours	Total Credit Hours
Clinic	Lab	Didactic		
		120	120	10.0
24			24	4.0
24			24	
		30	30	2.5
	18		18	1.5
		24	24	2.0
		12	12	1.0
		30	30	2.5
		36	36	3.0
		12	12	1.0
	12		12	1.0
48.0	30.0	264.0	342.0	28.5

Quarter 5 Winter 2014-2015

Course #	Course Title
GNMD 6020	General Medical Diagnosis II
CLPR 6050	Clinical Practice II2
CLPR 6050L	Clinical Practice Skills Lab II*2
BOTM 6010	Botanical Medicine I
NUTR 6010	Nutrition I
OMND 6020	Oriental Medicine II
PHAR 6020	Pharmacology II
PHMD 6020	Physical Medicine II
PHMD 6020L	Physical Medicine Lab II
Year 2 Quarter 5 Totals	

Contact Hours			Total Contact Hours	Total Credit Hours
Clinic	Lab	Didactic		
		120	120	10.0
24			24	4.0
24			24	
		24	24	2.0
		24	24	2.0
		30	30	2.5
		36	36	3.0
		24	24	2.0
	24		24	2.0
48.0	24.0	258.0	330.0	27.5

Quarter 6 Spring 2014-2015

Course #	Course Title
BOTM 6020L	Botanical Medicine Lab II***
GNMD 6030	General Medical Diagnosis III
CLPR 6060	Clinical Practice III2
CLPR 6060L	Clinical Practice Skills Lab III*2
HME0 6010	Homeopathy I
NUTR 6020	Nutrition II
OMND 6030	Oriental Medicine III
OMND 6030L	Oriental Medicine Lab III
PHAR 6030	Pharmacology III
PHMD 6030	Physical Medicine III
PHMD 6030L	Physical Medicine Lab III
CLTR 4300	Clinical Entry Preparation2
Year 2 Quarter 6 Totals	

Contact Hours			Total Contact Hours	Total Credit Hours
Clinic	Lab	Didactic		
	24		24	2.0
		120	120	10.0
24			24	4.0
24			24	
		24	24	2.0
		30	30	2.5
		18	18	1.5
	12		12	1.0
		24	24	2.0
		24	24	2.0
	24		24	2.0
12			12	1.0
60.0	60.0	240.0	360.0	30.0

Quarter 7 Summer 2014-2015

Course #	Course Title
GNMP 6010	General Medical Practice I: Psychiatric Cond.
GNMP 6011	General Medical Practice I: Dermatology
GNMP 6012	General Medical Practice I: EENT
PSYC 6020	Mind-Body Medicine II
OMND 6040	Oriental Medicine IV
OMND 6040L	Oriental Medicine Lab IV
PHMD 6040	Physical Medicine IV
PHMD 6040L	Physical Medicine Lab IV
Totals	

Contact Hours			Total Contact Hours	Total Credit Hours
Clinic	Lab	Didactic		
		12	12	1.0
		12	12	1.0
		18	18	1.5
		12	12	1.0
		18	18	1.5
	12		12	1.0
		12	12	1.0
	12		12	1.0
0.0	24.0	84.0	108.0	9.0

Course #	Must complete the following if not completed earlier:
TBD	Didactic Selectives****
CLTR 6600	Lab Posts*****2
CLTR 6700	Medicinary Posts*****2
CLTR 6000	Field Observation1
Totals	
Year 2 Quarter 7 Totals	

Contact Hours			Total Contact Hours	Total Credit Hours
Clinic	Lab	Didactic		
		72	72	6.0
12			12	1.0
12			12	1.0
60			60	5.0
84.0	0.0	72.0	156.0	13.0
84.0	24.0	156.0	264.0	22.0

Year 2: Quarters 4 - 7 Totals

240.0	138.0	918.0	1296.0	108.0
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Quarter 8 Fall 2015-2016

Course #	Course Title
BOTM 7030	Botanical Medicine III
GNMP 7020	General Medical Practice II: Gastroenterology
GYNE 7010	Gynecology I
HME0 7020	Homeopathy II
NUTR 7030	Nutrition III
OMND 7050	Oriental Medicine V
OMND 7060	Oriental Medicine VI
OMND 7060L	Oriental Medicine Lab VI
PHMD 7050	Physical Medicine V
PHMD 7050L	Physical Medicine Lab V
CLTR 7000	Clinical Clerkships (2) 1
Year 2 Quarter 8 Totals	

Contact Hours			Total Contact Hours	Total Credit Hours
Clinic	Lab	Didactic		
		24	24	2.0
		30	30	2.5
		36	36	3.0
		24	24	2.0
		30	30	2.5
		42	42	3.5
		6	6	0.5
	12		12	1.0
		12	12	1.0
	12		12	1.0
96			96	8.0
96.0	24.0	204.0	324.0	27.0

PROGRAM OF STUDY



Quarter 9 Winter 2015-2016

Course #	Course Title
BOTM 7040	Botanical Medicine IV
GNMP 7030	General Medical Practice III: Endocrinology
GNMP 7031	General Medical Practice III: Hematology
GYNE 7020L	Gynecology I Lab*
HMEO 7030	Homeopathy III
MNGT 7020	Practice Management II
NUTR 7040	Nutrition IV
OBST 7010	Obstetrics
OMND 7070	Oriental Medicine VII
MSRG 7010	Minor Surgery I
MSRG 7010L	Minor Surgery I Lab
CLTR 7000	Clinical Clerkships (2)1

Year 2 Quarter 9 Totals

Contact Hours			Total Contact Hours	Total Credit Hours
Clinic	Lab	Didactic		
		24	24	2.0
		30	30	2.5
		12	12	1.0
	24		24	2.0
		24	24	2.0
		12	12	1.0
		12	12	1.0
		30	30	2.5
		24	24	2.0
		12	12	1.0
	12		12	1.0
96			96	8.0
96.0	36.0	180.0	312.0	26.0

Quarter 10 Spring 2015-2016

Course #	Course Title
BOTM 7050	Botanical Medicine V
GNMP 7040	General Medical Practice IV: Cardio./Vasc. Med.
GNMP 7041	General Medical Practice IV: Pulmonology
HMEO 7040	Homeopathy IV
MNGT 7030	Practice Management III
NUTR 7050	Nutrition V
PSYC 7030	Mind-Body Medicine III
OMND 7080	Oriental Medicine VIII
PEDS 7010	Pediatrics I
CLTR 7000	Clinical Clerkships (3)1
CLTR 4500	Primary Status Exam2

Year 2 Quarter 10 Totals

Contact Hours			Total Contact Hours	Total Credit Hours
Clinic	Lab	Didactic		
		24	24	2.0
		18	18	1.5
		18	18	1.5
		24	24	2.0
		12	12	1.0
		24	24	2.0
		18	18	1.5
		18	18	1.5
		24	24	2.0
144			144	12.0
12			12	1.0
156.0	0.0	180.0	336.0	28.0

Quarter 11 Summer 2015-2016

Course #	Course Title
CLTR 7000	Clinical Clerkships (5) 1

Total Credits

Contact Hours			Total Contact Hours	Total Credit Hours
Clinic	Lab	Didactic		
162			162	13.5
162.0	0.0	0.0	162.0	13.5

Must complete the following if not completed earlier:

TBD	Didactic Selectives****
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Total Credits

Year 2 Quarter 11 Totals

		72	72	6.0
0.0	0.0	72.0	72.0	6.0
162.0	0.0	72.0	234.0	19.5

Year 3: Quarters 8 - 11 Totals

510.0	60.0	636.0	1206.0	100.5
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Quarter 12 Fall 2016-2017

Course Number	Course Title
GNMP 8050	General Medical Practice V: Rheumatology
GNMP 8051	General Medical Practice V: Muscul/Ortho
PEDS 8020	Pediatrics II
PSYC 8040	Mind-Body Medicine IV
CLTR 8000	Clinical Clerkships (5)1
Year 2 Quarter 12 Totals	

Contact Hours			Total Contact Hours	Total Credit Hours
Clinic	Lab	Didactic		
		24	24	2.0
		12	12	1.0
		24	24	2.0
		18	18	1.5
240			240	20.0
240.0	0.0	78.0	318.0	26.5

Quarter 13 Winter 2016-2017

Course Number	Course Title
ERMD 8010	Emergency Medicine I
GNMP 8060	General Medical Practice VI: Neurology
GNMP 8061	General Medical Practice VI: Oncology
MSRG 8020	Minor Surgery II
MSRG 8020L	Minor Surgery Lab II
CLTR 8000	Clinical Clerkships (5)1
CLTR 4900	Clinical Exit Exam2
Year 2 Quarter 13 Totals	

Contact Hours			Total Contact Hours	Total Credit Hours
Clinic	Lab	Didactic		
		24	24	2
		24	24	2
		18	18	1.5
		12	12	1
	12		12	1
240			240	20
12			12	1.0
252.0	12.0	78.0	342.0	28.5

Quarter 14 Spring 2016-2017

Course Number	Course Title
ERMD 8020	Emergency Medicine II
GNMP 8070	General Medical Practice VII: Urology/Kidn
GNMP 8071	General Medical Practice VII: Geriatrics
MNGT 8040	Practice Management IV
CLTR 8000	Clinical Clerkships (5)1
Year 2 Quarter 14 Totals	

Contact Hours			Total Contact Hours	Total Credit Hours
Clinic	Lab	Didactic		
		24	24	2.0
		18	18	1.5
		12	12	1.0
		12	12	1.0
240			240	20.0
240.0	0.0	66.0	306.0	25.5

Year 4: Quarters 12 - 14 Totals

732.0	12.0	222.0	966.0	80.5
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Grand Total

Contact Hours	Credit Hours
4464.0	372.0

*Lab credit hours are included in each Clinical Practice course

**Gynecology I Lab may be taken in Qtr. 9, or 10

***Botanical Medicine Lab II must be taken in Qtr. 6 or 7

****The 12 total credit hours of didactic selectives may be taken in Qtrs. 4-14

*****Lab and Medicinary Posts may be taken after Qtr. 3

1These hours count toward the 1200 clock hours of clinical training required by CNME

2These hours do not count toward the 1200 clock hours of clinical training required by CNME



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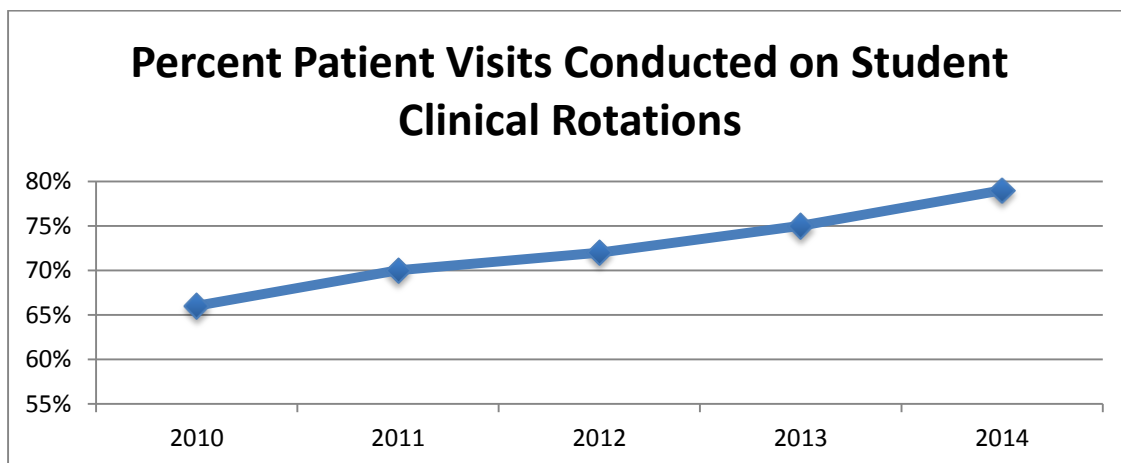
PART THREE
ONGOING SELF-STUDY – RECOMMENDATIONS FROM SITE VISIT OF 2013

Appendix 15

VI-1. The team is concerned that (i) the current level of patient volume at the on-campus clinic varies greatly from supervisor to supervisor, leaving some rotations lacking sufficient patient volume and variety, and that (ii) the current overall volume will be insufficient to meet the needs of the student clinicians as the size of the student body grows. The team recommends that the college find ways to increase the overall patient volume and variety and to make the clinical experience more consistent among rotations. (Std. VI.C.5.d).

SCNM is committed to sufficient overall patient volume and variety for all students across clinical opportunities offered at the College's clinics. SCNM analyzes patient volume data in a number of ways and utilizes an active continuous quality improvement process that ensures sufficient patient volume as the student body continues to grow.

Last year SCNM reported the implementation of multiple initiatives intended to increase patient volume. As a result SCNM Medical Center patient volume has increased by 12% since 2011. This volume does not include extended site clinics' patient volume. Additionally, the SCNM Medical Center has increased the number of patient visits on student rotations as demonstrated below.





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PART THREE
ONGOING SELF-STUDY – RECOMMENDATIONS FROM SITE VISIT OF 2013

Appendix 15

To ensure patient retention, effective quality improvement initiatives implemented last year continue:

- 🌿 The Clinical Coordinator meets with students individually to support their patient contact needs and helps them maintain the proper accounting of these contacts in the EHR system.
- 🌿 The Associate Dean of Clinical Education tracks patient volume on each clinical rotation. Supervising physicians are notified if they are not meeting patient volume expectations.
- 🌿 The Associate Dean of Clinical Education regularly reviews the number of student shifts needed annually, the patient volume needed to support students' patient contact needs, the patient volume by physician, and the medical center capacity for patient volume.
- 🌿 The Associate Dean of Clinical Education and the Dean of Instruction assess the quality of instruction of clinical clerkships. These individuals observe each shift and evaluate strengths and areas of improvement needed. Student evaluation of clerkships also occurs each quarter. As assessment data are gathered and analyzed, the Associate Dean of Clinical Education and/or Dean of Instruction meet with each faculty member personally to provide support for improvement.

X-1. The team is concerned that the amount and type of research activities available to students are not accurately portrayed in college publications. The team recommends that this situation be expeditiously corrected. (Std. X.A.1).

The College is committed to provide accurate and up-to-date information to the public, prospective students, and all SCNM constituencies. Immediately upon hearing of the CNME's concern, the Director of Marketing reviewed all print and electronic materials that referenced research activities at the College. These materials were reviewed by the Executive Vice-President. Where language could be perceived as misleading, the College removed or changed the language to ensure an accurate portrayal of research activities available to students.

In addition to ensuring college publications accurately reflect the amount and type of research activities, SCNM has created a "Research Page" on the campus LMS. This page serves as an open-campus homepage for the Research Department, but with broad campus-wide appeal. There are separate pages that highlight current and past SCNM Research, select SCNM publications, and research faculty biographies. In addition, the



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PART THREE
ONGOING SELF-STUDY – RECOMMENDATIONS FROM SITE VISIT OF 2013

Appendix 15

Research page has a separate “Faculty Journal Picks: Check out what the Faculty is reading!” page where the campus community can see what select faculty, residents, and administrators have highlighted as some of their favorite articles (linked to PubMed). Lastly, there is a dynamic “iResearch” page created for, and used by, those engaged in scholarly pursuits. This page has a discussion board for the Journal Club, guides for case report publication, and a link to future planned projects.