



UNIVERSITY OF
SOUTH CAROLINA
School of Medicine

**Blueprint for Academic Excellence
in the University of South Carolina
School of Medicine (SOM)**

2016-2017

15 March 2016

Section I. Executive Summary

School of Medicine Contributions to Meeting the Academic Dashboard Targets - Since it only enrolls post-baccalaureate students, many of the University Academic Dashboard targets are inapplicable to School of Medicine (SOM). SOM uses these items for its Dashboard (Appendix G).

1. MCAT score – The SOM median MCAT score for accepted applicants was 28 compared to its peers (29) and its aspirants (32).

2. Percentage of Graduates Choosing Primary Care Specialties (Family Medicine, Internal Medicine, Pediatrics) – The percentage of SOM graduates choosing primary care specialties (50%) continues to surpass its peers (48%). This percentage also remains higher than its aspirants (44%).

3. Percentage of Graduates Practicing in Primary Care and Practicing In-state – The SOM ranks in the 95th percentile nationally for percent of graduates practicing in primary care and ranks in the 87th percentile nationally for percent of graduates practicing in-state.

4. United States Medical Licensing Examination (USMLE) Step 2 Clinical Knowledge First Time Percent Pass Rate – The 96% first time pass rate of SOM graduates exceeded the national average this year of 95%.

5. Research Awards – SOM extramural funding awards approached \$50 million with federal research funding at ~\$31 million and over 30% of the federal funding being from NIH awards.

School of Medicine Contributions to Key Performance Parameters

Teaching Excellence – The SOM continues to collaborate with other health sciences schools to expand inter-professional education, continued to be a leader in ultrasound education, began a course and curriculum review as part of our LCME self-study, placed the first eight medical students at our regional campus in Florence, and in partnership with South Carolina Honors College, chose our inaugural class of six students for our seven-year accelerated medical degree program.

Research/scholarship reputation and productivity - Despite faculty attrition, extramural funding awards remained stable in 2015 at \$49M compared to \$50M in 2014. This suggests that given existing faculty and resources, extramural funding potential has reached a steady state. A shift in the composition of funding occurred with an increase in NIH funding from 2015 (~\$16M vs ~\$12M) and industry funding eclipsing \$1M. This implies an excellent transition to more competitive and sustainable funding, and increased translational research.

Service to state, community, profession and university- SOM has provided exceptional clinical care to patients in the community, partnered with Palmetto Health to operationalize the PH-USC Medical Group, established new rural satellite subspecialty clinics in Orangeburg, Florence, and Lancaster, and worked with SC DHHS and legislative leaders to develop legislation for development of rural and underserved educational training sites and healthcare delivery.

Sustainability – SOM continues to develop the Palmetto Health–USC Medical Group and position it for future market growth, has cultivated affiliations with additional hospitals and health systems, and ensure that its relationship with the William Jennings Bryan Dorn VA remains strong.

Section II. Meeting the University's Academic Dashboard Targets

School of Medicine Contributions to Meeting the Academic Dashboard Targets

Since it only enrolls post-baccalaureate students, many of the University Academic Dashboard targets are inapplicable to the School of Medicine. The School of Medicine uses the following items for its Dashboard (Appendix G).

1. MCAT score – The School of Medicine median MCAT score for accepted applicants was 28 compared to its peers (29) and its aspirants (32).

2016-17 Strategy – Optimize student recruitment strategies including a more personal approach to the admissions process and emphasis on the uniqueness of our ultrasound program and the Florence option. Increase SOM endowment to provide additional tuition scholarships for academically gifted and underrepresented minority students.

2. Percentage of Graduates Choosing Primary Care Specialties (Family Medicine, Internal Medicine, Pediatrics) – The percentage of School of Medicine graduates choosing primary care specialties (50%) continued to surpass its peers (48%). This percentage also remains higher than its aspirants (44%).

2016-17 Strategy – Maintain commitment to Florence regional campus and other rural primary care training sites and seek additional sites which provide students with first-hand experience in rural practice. Continue inclusion of Primary Care Week in curriculum. Encourage faculty participation in the Institute for Primary Care Education and Practice, an initiative from the South Carolina Area Health Education Consortium. Explore third year medical student rotations in Sumter with a focus on primary care.

3. Percentage of Graduates Practicing in Primary Care and Practicing In-state – The School of Medicine ranks in the 95th percentile nationally for percent of graduates practicing in primary care and ranks in the 87th percentile nationally for percent of graduates practicing in-state.

2016-17 Strategy – Maintain commitment to Florence regional campus and other rural primary care training sites which provide students with first-hand experience in rural practice. Continue inclusion of Primary Care Week in curriculum. Introduce third year medical students to rural practice environments through their clinical rotations in Florence and potentially other rural practice sites in South Carolina. Continue to develop new rural primary care clinical service environments via newly established satellite subspecialty clinics in Orangeburg, Florence, and Lancaster, and expansion of existing outreach clinics in Aiken and Sumter. Advocate for scholarship and loan repayment programs that encourage students to choose primary care.

4. United States Medical Licensing Examination (USMLE) Step 2 Clinical Knowledge First Time Percent Pass Rate and Mean Score – The 96% first time pass rate of School of Medicine graduates exceeded the national average of 95%.

2016-17 Strategy – Continue to provide multiple opportunities for formative evaluation of clinical knowledge through the use of internal and end of clerkship subject exams plus the provision of a

low teaching faculty-student ratio. Time will be provided in the fourth year schedule to allow students adequate preparation for the exam. Will provide students with an on-line resource of practice exam questions.

5. Research Awards – SOM extramural funding awards approached \$50 million with federal research funding at ~\$31 million and over 30% of the federal funding being from NIH awards.

2016-17 Strategy – With the appointment of Associate Dean for Research and Graduate Biomedical Programs with a joint leadership appointment at Palmetto Health (PH) as Vice President for Clinical Research, growth of collaborative and synergistic programs will take place. This includes new collaborations between basic scientists and clinicians in focused areas of neurosciences, biomedical engineering, and cancer; an integrated research day between SOM and PH; streamlining and simplifying clinical research submissions; increased pre-proposal support for clinicians/residents, streamlining of IRB review; better codification of research policies; exploration of clinical research opportunities with Florence and Greenville campuses and newly affiliated hospital systems.

Section III. School of Medicine Goals and their Contribution to the University's Key Performance Parameters

2016-2017 Academic Year Goals

Goal 1. Operationalize Palmetto Health-USC Medical Group.

Key Performance Parameters: Service to State, Community, Profession, and University; Sustainability

Progress: Palmetto Health-USC Medical Group will assume management of USC Specialty Clinics and the Palmetto Health Physician Practice Plan on April 1, 2016, with over 500 providers and 2,200 team members in the group. Ultimate responsibility for the clinical practice plan remains with the Executive Dean of the USC SOM/CEO of Medical Group. Within the past twelve months, departmental leadership has been established for each of the ten clinical departments within the Medical Group, and the senior administrative team for the Medical Group has been hired. A statement of the mission, vision, and values for the Medical Group, as well as a formal document outlining the culture to be embraced within the Medical Group, have been adopted. An information technology project to bring all elements of the Medical Group onto a single Medical Record is underway. Provider compensation plan is in development, with the new plan scheduled to take effect in January, 2018.

Plans for Upcoming Year: The IT integration project will be completed by Spring of 2017. An integrated human resources IT infrastructure is under development, with completion of this project targeted for September, 2016 (until completed, IT data will remain segregated on USC and Palmetto Health system). Prior to January, 2017, a permanent Director of Operations and COO will be named for the Medical Group. Compensation plan will be finalized by end of calendar year 2016, allowing providers to shadow the new compensation plan throughout calendar year 2017.

Goal 2: Begin a year-long self-study process prior to the LCME accreditation site visit scheduled during the 2016-2017 academic year.

Key Performance Parameters: Teaching Excellence

Progress: Self-study process began Fall 2015 and is ongoing with six subcommittees and a steering committee comprising approximately 100 faculty, students and alumni meeting on a regular basis.

Plans for the Upcoming Year: Completion of the self-study process and submission of the report to the LCME in Fall 2016. Accreditation site visit scheduled for February 2017.

Goal 3. Foster research and promote collaborations and interdisciplinary research.

Key Performance Indicators: Research Scholarship, Reputation and Productivity

Progress: Associate Dean for Research and Graduate Biomedical Programs appointed. Joint appointment as Vice President for Clinical Research at Palmetto Health enabled combined coordination of PH and SOM research operations. Renewal of SC INBRE from NIH for \$18M and

a \$3M NIH-funded study on stroke. Continued success in neurosciences with funding from NIH and VA including engagement of USC faculty in Arts and Sciences, Pharmacy, and Public Health. Integrated research day between SOM and PH instituted for Spring 2016. 10K ft² research space on VA SOM campus opened. October flood incurred significant damage to electron microscopy and other instrumentation in Instrumentation Research Facility (IRF). Flooding prompted relocation of IRF, purchase of new/replacement equipment. Expanded imaging instrumentation with funding of small animal imaging systems through \$1M VA-funded mechanism. Successful AAALAC inspection for USC animal research facilities due to significant investment in facilities and air handling on SOM VA campus.

Plans for Upcoming Year: Streamline clinical research submissions, increase pre-proposal support for clinicians/residents, reduce turnaround times for IRB reviews, unify language and policies for IP, subject injury and COI. Plan MS biomedical technology program to fill need for well-trained research technicians. Complete 5K ft² research space in Bldg 1. Strategic utilization of Bldg 9 for joint VA recruitments and programmatic efforts. Explore clinical research opportunities with affiliate campuses and hospitals. Foster new initiatives in technology transfer, IP generation and strategies for NIH SBIR and STTR funding.

Goal 4. Increase the School of Medicine endowment to provide full tuition scholarships for underrepresented minority and academically gifted students.

Key Performance Parameters: Service to state, community, profession and university; Sustainability

Progress: Dean has continued to identify scholarship funds for students training at Florence campus. Within the past year, a new SOM Senior Director of Development has been added. In addition, USC has added an Associate Vice President for Development for the Health Sciences.

Plans for Upcoming Year: Work with USC Development and Alumni Relations to expand our outreach to alumni and potential community donors to the School of Medicine. Establish philanthropy priorities, which will include scholarship support for underrepresented minority students and academically gifted students.

Goal 5. Establish a Master's in Physician Assistant Program

Key Performance Parameters: Teaching Excellence; Service to State, Community, Profession, and University; Sustainability

Progress: Program director and didactic curriculum director recruited. Medical director appointed. USC Board of Trustees approved program in early Fall 2015, and CHE reviews are ongoing. The national PA accrediting body (RPA) performed a site visit February 2016 with an excellent outcome. Recruitment for a clinical curriculum director is nearing completion and the final recruitment for a PA faculty member (total of 4 PA faculty) has begun.

Plans for Upcoming Year: Renovation of dedicated PA teaching space on the SOM VA campus is underway and will be completed by early Fall 2016. Interviews for PA students will begin Summer of 2016 with the first class scheduled to matriculate February 2017.

Five-Year Goals

Goal 1. Pursue new clinical opportunities that align service, education, and research.

Key Performance Parameters: Service to State, Community, Profession, and University; Sustainability

Efficiently operate and strategically expand the Palmetto Health-USC Medical Group. Continue to build upon our clinical service agreements with other healthcare systems in the state in rural and metropolitan areas including Florence, Myrtle Beach, and Sumter. Utilize funds appropriated by the South Carolina legislature to continue development of rural health care initiatives, including educational programmatic support and expansion of clinical services.

Goal 2. Develop a progressive interdisciplinary research agenda as part of SOM Strategic Plan.

Key Performance Parameters: Research/Scholarship Reputation and Productivity; Service to State, Community, Profession, and University

Continue to collaborate with researchers across the university, the state, the nation, and globally in targeted areas of strength - inflammation, stroke, heart disease, regenerative medicine, neuropsychiatric diseases, technology in medicine, and health care delivery. Focus on integration of clinical-translational research programs and ensure that faculty across USC-PH are equipped to actively pursue integrated, large funding opportunities in federal and corporate sectors. Focus on development of strategies for better pathways for technology transfer and intellectual property.

Goal 3: Continue to develop the clinical branch campus in Florence.

Key Performance Parameters: Teaching Excellence; Service to State, Community, Profession, and University

In July 2015 the first eight third year medical students to be based permanently in Florence began clinical rotations. Another 16 students will start their third year July 2016. Office of Medical Student Education hired a business manager and six clerkship site directors and will move to a permanent home in the Carter Health Education Building July 2016. Students are reporting a positive clinical experience. Will focus on expansion of faculty and clinical rotation offerings in the fourth year.

Goal 4: Transition Masters of Nurse Anesthesia program to doctoral program.

Key Performance Parameters: Teaching Excellence; Service to State, Community, Profession, and University

This will be a several year conversion to ensure a smooth transition for incoming students and to establish appropriate faculty. The Doctorate in Nurse Anesthesia (DNP) degree will require additional didactic work and a clinical research project. Program director will transition in 2016 and changes to faculty will occur. A generalized course outline and plan will be submitted to Provost, Graduate Council and Board of Trustees. External accreditation site review to occur in 2018.

Section IV. Appendices

Appendix A. Resources Needed

Goal 1 - Foster research and promote collaborations and interdisciplinary research.			
Type of Resource	Existing	Additional: State source	Strategy
Fiscal	E-funds	VP Research Provost	Provide researchers with bridge and seed funding to catalyze proposals. Continue peer review sessions across campus. Develop COBRE proposals with units on main campus.
Goal 2 - Increase SOM endowment to provide full tuition scholarships for underrepresented minority and academically gifted students.			
Type of Resource	Existing	Additional: State source	Strategy
Fiscal	Endowment	Contributions to endowment	Work with USC Development and Alumni Relations to create a strategic plan for expanding SOM endowments.
Goal 3 – Establish a Master’s in Physician Assistant Program			
Type of Resource	Existing	Additional: State source	Strategy
Personnel & Fiscal		Provost, tuition, and Palmetto Health	Work with Provost to establish appropriation tuition rates.
Goal 4 – Continue to develop the clinical branch campus in Florence.			
Type of Resource	Existing	Additional: State source	Strategy
Fiscal	Endowment	Contributions to endowment	Work with USC Development and Alumni Relations to expand scholarships for Florence program.

Appendix B. Benchmarking Information

5 Aspirant Institutions – (*Public Medical Schools in the South*): Medical College of Georgia at Georgia Regents University, University of Kentucky, University of North Carolina – Chapel Hill, University of Tennessee Health Science Center, University of Virginia

5 Peer Institutions (*Teague-Cranston Act Medical Schools*): East Carolina University, East Tennessee State University, Marshall University, Texas A&M University, Wright State University

Appendix C. School of Medicine's Top Strengths and Important Accomplishments

Strengths

- Strong, fully-accredited educational programs with dedicated and committed faculty.
- Largest physician and provider practice in the Midlands as part of the PH-USC Medical Group.
- Unique clinical services provider for Midlands in infectious diseases, pediatrics, and neurology.
- Global leader in ultrasound undergraduate medical education.
- SOM Educational Trust continues to partner with PH-USC Medical Group and Palmetto Health to align opportunities to collaborate to provide for a more stable financial environment.

Important Accomplishments

- Collaborated with Palmetto Health to operationalize the Palmetto Health-USC Medical Group.
- Implemented the Florence regional campus with the placement of eight medical students.
- Partnered with South Carolina Honors College on seven-year accelerated medical degree program resulting in admission of six students for inaugural class.
- Worked with SC DHHS and legislative leaders to develop legislation for development of rural and underserved educational training sites and healthcare delivery via initial State award of \$2M.
- Strong extramural research funding of \$49.2M with increased NIH funding from \$12M to \$16M.
- Laid groundwork to begin a comprehensive Strategic Planning Process for SOM in April 2016.
- Redesigned and enhanced Office of Minority Affairs as the Office of Diversity and Inclusion.
- Frank Spinale, M.D., Ph.D., named as Associate Dean for Research and Graduate Education.
- Katherine Stephens, Ph.D., named as Associate Dean for Graduate Medical Education.
- Helmut Albrecht, M.D., named as new Chair of the Department of Internal Medicine, effective April 1, 2016.
- Daniel Clair, M.D., named as new Chair of Department of Surgery, effective April 1, 2016.
- Amy Allen, M.H.S., EdS, appointed as founding director of Physician Assistant Studies Program. Completed curriculum development and accreditation site visits and began space renovation.
- Department of Family and Preventive Medicine expanded Global Health Initiative, held a national level workshop and expanded Global Health Fellowship.
- Department of Internal Medicine faculty, Drs. Ali Rizvi and Andrew Sides, were co-PI's for this site for nationwide Sprint study on hypertension with vital findings recently released.
- Department of Neuropsychiatry received SC Telehealth Program of Excellence Award for Emergency Department Telepsychiatry project.
- Department of Obstetrics and Gynecology achieved reaccreditation of Centering Pregnancy Program & grew high risk OB Division with recruitment of Maternal Fetal Medicine Director.
- Department of Pathology, Microbiology, Immunology faculty, Dr. Lucia Pirisi-Creek, received \$18M NIH grant for SC IDeA Network of Biomedical Research Excellence (SC INBRE).
- Department of Pediatrics established new satellite subspecialty clinics in Orangeburg, Florence, and Lancaster. Collaborated with SOM-Greenville Pediatrics on joint Grand Rounds, two conferences, faculty development sessions, and shared Rheumatology services.
- Department of Pharmacology, Physiology, and Neuroscience faculty received over \$3M in research awards. Dr. Janet Fisher received award to conduct research at NIH during sabbatical.
- Department of Surgery faculty Drs. Richard Bell and James Nottingham collaborated on course in geriatrics for surgeons presented to National American College of Surgeons Leadership.

Appendix D. School of Medicine's Weaknesses and How They are Being Addressed

Weaknesses

- Continued relatively low level of financial support from the State compared to peers and other Medical Schools
- Lack of minority faculty members and students
- Lack of scholarship monies to support medical education
- Decrease in negotiated NIH Indirect Cost rates making us the medical school with the lowest rate in the nation.
- Limited resources for addressing needs for additional research infrastructure and classroom space.

Plans to address weaknesses

- Implementation of Palmetto Health-USC Medical Group.
- Development officer to seek additional endowments for minority scholarships, infrastructure improvements, and institutional support through donors, grateful patients, and health systems.
- Work closely with partners and the Palmetto Health-USC Medical group and Palmetto Health to explore options for addressing the reduced indirect cost rate and research infrastructure.
- Continue to strengthen collaborations with Greenville Hospital System, McLeod Regional Medical Center, Carolinas Health System, Grand Strand Regional Medical Center, and other health systems.
- Continue to seek new programmatic and address lack of general state funding support by increasing awareness of legislators of School of Medicine programs.

Appendix E. Statistical Data for School of Medicine

1. Number of entering freshman for Fall 2012, Fall 2013, Fall 2014 and Fall 2015 classes and their average SAT and ACT scores. **Not applicable to SOM**
2. Freshman retention rate for classes entering Fall 2012, Fall 2013 and Fall 2014. **Not applicable to SOM**
3. Sophomore retention rate for classes entering Fall 2011, Fall 2012 and Fall 2013. **Not applicable to SOM**
4. Number of majors enrolled in Fall 2012, Fall 2013, Fall 2014 and Fall 2015 by level: undergraduate, certificate, first professional, masters, or doctoral (headcount)

	Headcount			
	Fall 2012	Fall 2013	Fall 2014	Fall 2015
Certificate	51	63	30	36
First Professional	360	367	372	372
Masters	102	144	135	134
Doctoral	43	51	47	52
Total	556	625	584	594

5. Number of entering first professional and graduate students: Fall 2012, Fall 2013, Fall 2014 and Fall 2015 and their average GRE, MCAT, LSAT, etc.

	Fall 2012		Fall 2013		Fall 2014		Fall 2015	
	Number	MCAT	Number	MCAT	Number	MCAT	Number	MCAT
First Professional	94	28	94	28.7	96	28.7	94	28.5

	Fall 2012		Fall 2013		Fall 2014		Fall 2015	
	Number	GRE	Number	GRE*	Number	GRE	Number	GRE
Doctoral	16	1094	12	309*	12	310	10	319

* New scoring system

6. Number of graduates in Fall 2014, Spring 2015, Summer 2015 by level (undergraduate, certificate, first professional, masters, doctoral)

	Fall 2014	Spring 2015	Summer 2015
Certificate	1	14	3
First Professional	0	85	0
Masters	9	41	4
Doctoral	5	3	0
Total	15	143	7

Placement	Fall 2014	Spring 2015	Summer 2015
Terminal Masters	8	40	3
Terminal Doctoral	5	3	0
Total	13	43	3

7. Four-, Five- and Six-Year Graduation rates for the three most recent applicable classes (undergraduate only) **Not applicable to SOM**
8. Total credit hours generated by your unit regardless of major for Fall 2014, Spring 2015 and Summer 2015.

	Fall 2014	Spring 2015	Summer 2015
Credit Hours	11,173	10,665	989

9. Percent of credit hours by undergraduate major taught by faculty with a highest terminal degree. **Not applicable to the SOM**
10. Percent of credit hours by undergraduate major taught by full-time faculty. **Not applicable to SOM**
11. Number of faculty by title (tenure-track by rank, non-tenure track (research or clinical) by rank) as Fall 2013, Fall 2014 and Fall 2015 (by department where applicable).

	Fall 2013	Fall 2014	Fall 2015
Tenure-Track Faculty			
Professor	23	20	21
Associate Professor	18	18	16
Assistant Professor	13	13	14
Librarian	7	6	6

	Fall 2013*	Fall 2014*	Fall 2015*
Research Faculty			
Professor	7 (3)	2 (2)	2 (8)
Associate Professor	5	3	4 (4)
Assistant Professor	11 (1)	7 (2)	7 (3)
Instructor	2	0	1

	Fall 2013*	Fall 2014*	Fall 2015*
Clinical Faculty			
Professor	25 (38)	21 (45)	22 (66)
Associate Professor	48 (57)	49 (47)	45 (64)
Assistant Professor	77 (225)	94 (276)	86 (368)
Instructor	11 (13)	11 (26)	9 (30)
Librarian	1	1	2

*Includes all salaried and (unsalaried/volunteer) faculty.

12. Current number and change in the number of tenure-track and tenured faculty from underrepresented minority groups from FY 2014.

FY2014	Currently	Change
1	2	1

Due to the majority of the School of Medicine faculty being non-tenure-track, particularly our clinical faculty, it should be noted that 17 salaried and 23 unsalaried/volunteer non-tenure-track faculty are from underrepresented minority groups.

Appendix F. Statistical Research Data for School of Medicine

1. Total number and amount of external sponsored research proposal submissions by funding source for FY2015.

	TOTAL	FEDERAL	STATE	FOUNDATION	LOCAL	COMMERCIAL	OTHER	AGENCY
Number Applications Submitted	252	187	6	39	2	12	6	0
Amount (First Year)	\$64,242,594	\$59,158,131	\$299,385	\$2,706,220	\$11,600	\$1,406,825	\$660,433	\$0

2. Summary of external sponsored research awards by funding source for FY2015. Total extramural funding processed through Sponsored Awards Management (SAM) in FY2015, and federal extramural funding processed through SAM in FY2015.

Total Extramural Funding	Federal	State	Private (PHI)	Local	Commercial	Other
\$49,210,511	\$31,613,200	\$2,700,483	\$12,989,617	\$214,100	\$1,117,368	\$575,743

Total Extramural Funding	Total Federal Extramural Funding	Total NIH Funding
\$49,210,511	\$31,613,200	\$16,563,044
** Includes funding from PHR USC & USC SOM-Greenville		

Amount of sponsored research funding per faculty member in FY 2015 (by rank, type of funding, and by department, if applicable).

ASSISTANT PROFESSOR:											TOTAL #	% FACULTY	AMOUNT FUNDED
BY DEPT	TOTAL FUNDED IN RANK	RANK	Total Funding	COM	FED	LOC	OTH	PRI	STA	IN RANK*	IN RANK WITH RESEARCH	PER RANK	IN DEPARTMENT
CBA	1	Assistant Prof.	158,316	-	158,316	-	-	-	-	2	50%	158,316	
PMI	7	Assistant Prof.	1,381,036	-	1,380,036	-	-	1,000	-	15	47%	197,291	
PPN	5	Assistant Prof.	1,717,503	-	1,608,003	-	-	109,500	-	6	83%	343,501	
FAMILY MEDICINE	3	Assistant Prof.	275,564	-	230,175	-	-	45,389	-	11	27%	91,855	
INTERNAL MED	3	Assistant Prof.	89,872	13,750	76,122	-	-	-	-	15	20%	29,957	
MEDICAL ED.	0	Assistant Prof.	-	-	-	-	-	-	-	3	0%	-	
NEUROLOGY	3	Assistant Prof.	42,636	42,636	-	-	-	-	-	6	50%	14,212	
NEUROPSYCHIATRY	2	Assistant Prof.	318,003	-	298,803	-	-	-	19,200	15	13%	159,002	
OB/GYN	0	Assistant Prof.	-	-	-	-	-	-	-	7	0%	-	
OPHTHALMOLOGY	0	Assistant Prof.	-	-	-	-	-	-	-	1	0%	-	
ORTHOPAEDICS	0	Assistant Prof.	-	-	-	-	-	-	-	8	0%	-	
PEDIATRICS	5	Assistant Prof.	435,486	17,225	339,896	-	36,500	41,865	-	28	18%	87,097	
RADIOLOGY	0	Assistant Prof.	-	-	-	-	-	-	-	2	0%	-	
SURGERY	0	Assistant Prof.	-	-	-	-	-	-	-	2	0%	-	
USC Greenville	1	Assistant Prof.	39,972	-	-	-	-	-	39,972	1	0%	39,972	
Total	30		4,458,388	73,611	4,091,351	-	36,500	197,754	59,172	122	25%	148,613	

*Of the 122 Assistant Professors, 15 are on tenure-track.

ASSOCIATE PROFESSOR:											TOTAL #	% FACULTY	AMOUNT FUNDED
BY DEPT	TOTAL FUNDED IN RANK	RANK	Total Funding	COM	FED	LOC	OTH	PRI	STA	IN RANK*	IN RANK WITH RESEARCH	PER RANK	IN DEPARTMENT
CBA	4	Assoc. Prof.	707,208	97,506	609,702	-	-	-	-	10	40%	176,802	
PMI	1	Assoc. Prof.	131,836	-	131,836	-	-	-	-	4	25%	131,836	
PPN	4	Assoc. Prof.	763,972	-	710,472	-	-	53,500	-	8	50%	190,993	
FAMILY MED	2	Assoc. Prof.	272,846	-	256,070	-	-	16,776	-	13	15%	136,423	
INTERNAL MED	3	Assoc. Prof.	343,836	2,180	341,656	-	-	-	-	11	27%	114,612	
NEUROPSYCHIATRY	1	Assoc. Prof.	314,013	-	314,013	-	-	-	-	4	25%	314,013	
NEUROSURGERY	0	Assoc. Prof.	-	-	-	-	-	-	-	1	0%	-	
ORTHOPAEDICS	0	Assoc. Prof.	-	-	-	-	-	-	-	3	0%	-	
PEDIATRICS	3	Assoc. Prof.	5,666,609	11,637	3,729,713	11,600	-	16,200	1,897,459	17	18%	1,888,870	
RADIOLOGY	1	Assoc. Prof.	820,752	-	820,752	-	-	-	-	2	50%	-	
USC Greenville	1	Assoc. Prof.	19,004	-	-	-	-	19,004	-	1	100%	19,004	
Total	20		9,040,076	111,323	6,914,214	11,600	-	105,480	1,897,459	74	27%	452,004	

*Of the 74 Associate Professors, 17 are on tenure-track or tenured.

PROFESSOR:											TOTAL #	% FACULTY	AMOUNT FUNDED
BY DEPT	TOTAL FUNDED IN RANK	RANK	Total Funding	COM	FED	LOC	OTH	PRI	STA	IN RANK*	IN RANK WITH RESEARCH	PER RANK	IN DEPARTMENT
CBA	5	Professor	3,381,943	687,902	2,250,816	-	443,225	-	-	9	56%	676,389	
PMI	4	Professor	6,644,003	-	6,617,985	-	26,018	-	-	5	80%	1,661,001	
PPN	2	Professor	248,686	-	248,686	-	-	-	-	5	40%	124,343	
FAMILY MED	2	Professor	802,347	-	(182,099)	-	-	968,448	15,998	5	40%	401,174	
GENETICS	1	Professor	45,195	-	2,500	-	-	8,000	34,695	1	100%	45,195	
INTERNAL MED	6	Professor	14,027,953	129,630	6,707,340	202,500	70,000	6,226,574	691,909	10	60%	2,337,992	
NEUROLOGY	1	Professor	590,002	104,012	193,130	-	-	292,860	-	2	50%	590,002	
NEUROPSYCHIATRY	3	Professor	4,360,246	10,890	3,265,904	-	-	1,083,452	-	7	43%	1,453,415	
OB/GYN	1	Professor	1,321,635	-	-	-	-	1,321,635	-	1	100%	1,321,635	
OPHTHALMOLOGY	0	Professor	-	-	-	-	-	-	-	0	0%	-	
ORTHOPAEDICS	1	Professor	982,836	-	-	-	-	982,836	-	2	50%	982,836	
PEDIATRICS	2	Professor	910,202	-	44,373	-	-	865,829	-	5	40%	455,101	
SURGERY	1	Professor	936,749	-	-	-	-	936,749	-	4	25%	936,749	
USC GREENVILLE	1	Professor	895,679	-	895,679	-	-	-	-	1	100%	895,679	
Total	30		35,147,476	932,434	20,044,314	202,500	539,243	12,686,383	742,602	58	52%	1,171,583	

*Of the 58 Professors, 24 are tenured.

LIBRARIAN:											TOTAL #	% FACULTY	AMOUNT FUNDED
BY DEPT	TOTAL FUNDED IN RANK	RANK	Total Funding	COM	FED	LOC	OTH	PRI	STA	IN RANK*	IN RANK WITH RESEARCH	PER RANK	IN DEPARTMENT
LIBRARY	1	Librarian	8,865	-	8,865	-	-	-	-	8	13%	8,865	
Total	1		8,865	-	8,865	-	-	-	-	8	13%	8,865	

*Of the 8 Librarians, 6 are tenured.

RESEARCH ASSOC.											TOTAL #	% Res. Assoc.	AMOUNT FUNDED
DEPT	TOTAL FUNDED IN RANK	RANK	Total Funding	COM	FED	LOC	OTH	PRI	STA	IN RANK*	IN RANK WITH RESEARCH	PER RANK	IN DEPARTMENT
INTERNAL MED	1	Res. Assoc.	465,038	-	465,038	-	-	-	-	1	1	465,038	
Total	1		465,038	-	465,038	-	-	-	-	1	100%	465,038	

*None are on tenure-track or tenured

Post Doc. Fellows											TOTAL #	% Post Doc	AMOUNT FUNDED
DEPT	TOTAL FUNDED IN RANK	RANK	Total Funding	COM	FED	LOC	OTH	PRI	STA	IN RANK*	IN RANK WITH RESEARCH	PER RANK	IN DEPARTMENT
CBA	0	Post-Doc	-	-	-	-	-	-	-	5	0	0	
PMI	1	Post-Doc	57,782	-	57,782	-	-	-	-	9	11%	57,782	
PPN	0	Post-Doc	-	-	-	-	-	-	-	2	0	0	
Total	1		57,782	0	57,782	0	0	0	0	16	6%	57,782	

*None are on tenure-track or tenured

Program Coordinator											TOTAL #	% Prog. Coord.	AMOUNT FUNDED
DEPT	TOTAL FUNDED IN RANK	RANK	Total Funding	COM	FED	LOC	OTH	PRI	STA	IN RANK*	IN RANK WITH RESEARCH	PER RANK	IN DEPARTMENT
Health & Safety	1	Prog. Coord. 1	1,250	-	-	-	-	-	1,250	1	100%	1,250	
Total	1		1,250	-	-	-	-	-	1,250	1	100%	1,250	

*None are on tenure-track or tenured

Ph.D Students											TOTAL #	% Grad Students	AMOUNT FUNDED
DEPT	TOTAL FUNDED IN RANK	RANK	Total Funding	COM	FED	LOC	OTH	PRI	STA	IN RANK*	IN RANK WITH RESEARCH	PER RANK	IN DEPARTMENT
PMI	1	Grad Student-Ph.D.	31,636	-	31,636	-	-	-	-	17	6%	31,636	
Total	1		31,636	-	31,636	-	-	-	-	17	6%	31,636	

*None are on tenure-track or tenured

Total Faculty											TOTAL #	% FACULTY	AMOUNT FUNDED
BY DEPT	TOTAL FUNDED IN RANK	RANK	Total Funding	COM	FED	LOC	OTH	PRI	STA	IN RANK*	IN RANK WITH RESEARCH	PER RANK	IN DEPARTMENT
TOTAL SOM	85		49,210,511	1,117,368	31,613,200	214,100	575,743	12,989,617	2,700,483	262			

3. Total sponsored research expenditures per tenured/tenure-track faculty for FY 2015, by rank and by department, if applicable.

Assistant Professors: TENURED/TENURE-TRACK			
Department	Research Expenditures	Total Tenured/Tenure-Track Faculty (#)	Expenditures per Tenured/Tenure-Track Faculty (Average)
	FY 2015	FY 2015	FY 2015
Cell Biology & Anatomy	\$337,757	2	\$168,879
Family Medicine	\$0	1	\$0
Neurology	\$0	1	\$0
Pathology, Microbiology & Immunology	\$1,140,070	7	\$162,867
Pharmacology, Physiology & Neuroscience	\$1,013,748	4	\$253,437
Total	\$2,491,575	15	\$585,183

Associate Professors: TENURED/TENURE-TRACK			
Department	Research Expenditures	Total Tenured/Tenure-Track Faculty (#)	Expenditures per Tenured/Tenure-Track Faculty (Average)
	FY 2015	FY 2015	FY 2015
Cell Biology & Anatomy	\$979,194	6	\$163,199
Family Medicine	\$261,749	2	\$130,874
Pathology, Microbiology & Immunology	\$0	2	\$0
Pharmacology, Physiology & Neuroscience	\$201,061	7	\$28,723
Total	\$1,442,004	17	\$322,796

Professors: TENURED/TENURE-TRACK			
Department	Research Expenditures	Total Tenured/Tenure-Track Faculty (#)	Expenditures per Tenured/Tenure-Track Faculty (Average)
	FY 2015	FY 2015	FY 2015
Cell Biology & Anatomy	\$1,953,146	7	\$279,021
Family Medicine	\$36,882	3	\$12,294
Internal Medicine	\$0	3	\$0
Neurology	\$251,179	1	\$251,179
Neuropsychiatry	\$528,049	2	\$264,025
Pathology, Microbiology & Immunology	\$1,993,995	4	\$498,499
Pediatrics	\$0	1	\$0
Pharmacology, Physiology & Neuroscience	\$109,701	2	\$54,850
Surgery	\$0	1	\$0
Total	\$4,872,952	24	\$1,359,868

Librarian: TENURED/TENURE-TRACK			
Department	Research Expenditures	Total Tenured/Tenure-Track Faculty (#)	Expenditures per Tenured/Tenure-Track Faculty (Average)
	FY 2015	FY 2015	FY 2015
Medical Library	\$0	6	\$0
	FY 2015	FY 2015	FY 2015
Total All Ranks	\$8,806,531	62	\$2,267,847

4. Number of patents, disclosures, and licensing agreements in fiscal years 2013, 2014 and 2015.

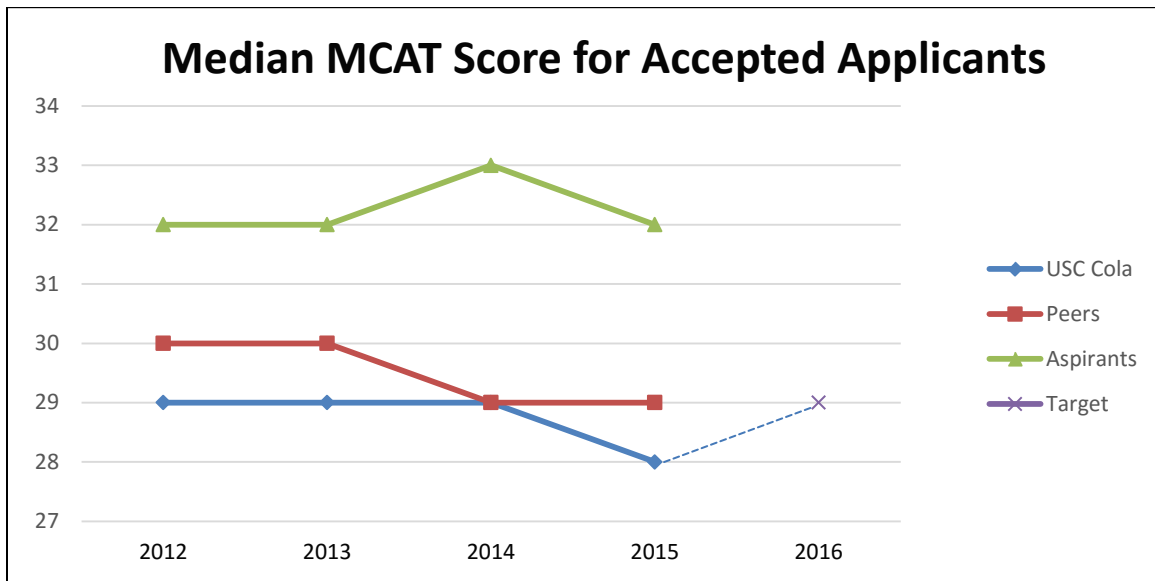
Fiscal Year	Provisional Patent Application	Non-Provisional Patent Applications	Issued Patents	Disclosures	Licensing Agreements
2013	11	1	4	9	1
2014	11	5	2	9	0
2015	2	6	1	2	0

Appendix G. School of Medicine Academic Dashboard

Academic Dashboard Measures for School of Medicine

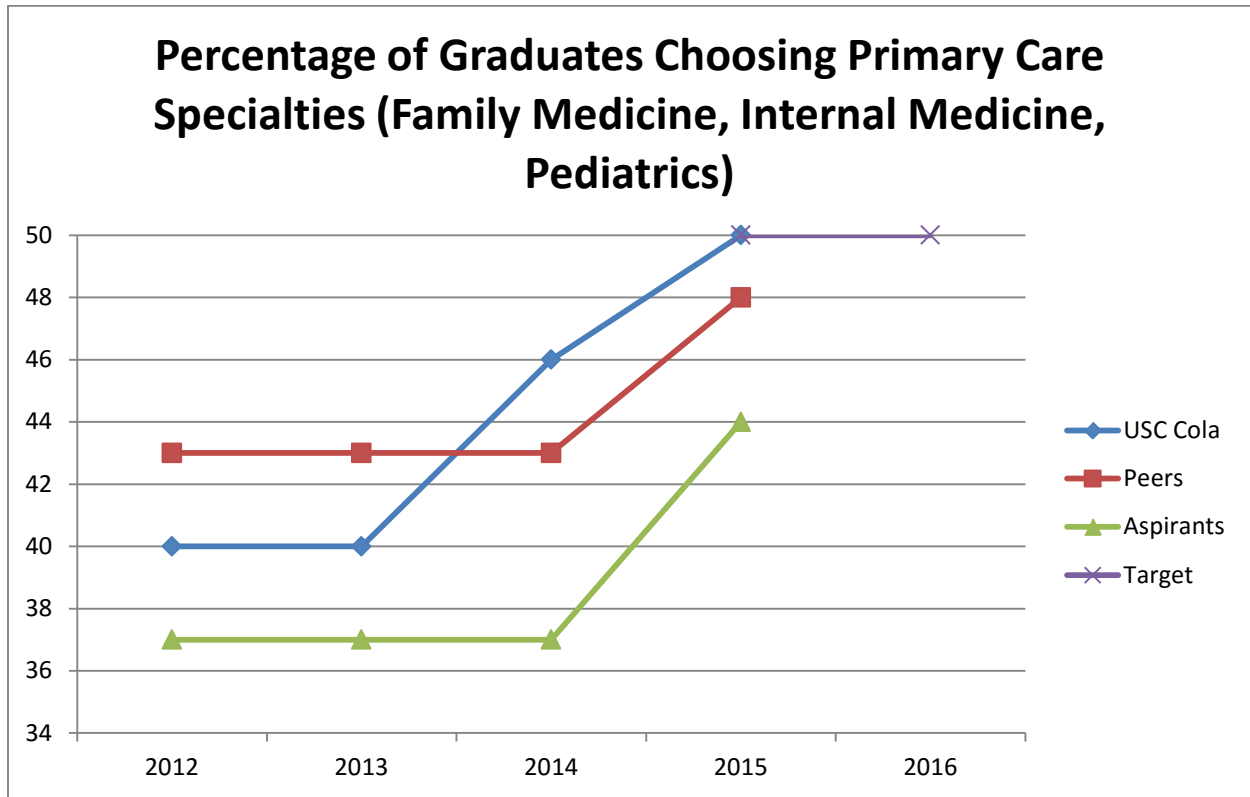
1. MCAT Score
2. Percentage of Graduates Choosing Primary Care Specialties (Family Medicine, Internal Medicine, Pediatrics)
3. Percentage of Graduates Practicing in Primary Care and Practicing In-state
4. United States Medical Licensing Examination (USMLE) Step 2 First Time Percent Pass Rate
5. Research Funding Awards

No. 1: MCAT Score



Source: Association of American Medical Colleges/Medical School Admission Requirements.

No. 2: Percentage of Graduates Choosing Primary Care Specialties (Family Medicine, Internal Medicine, Pediatrics)



Source: Association of American Medical Colleges/Medical School Admission Requirements. National Graduate Medical Education Census.

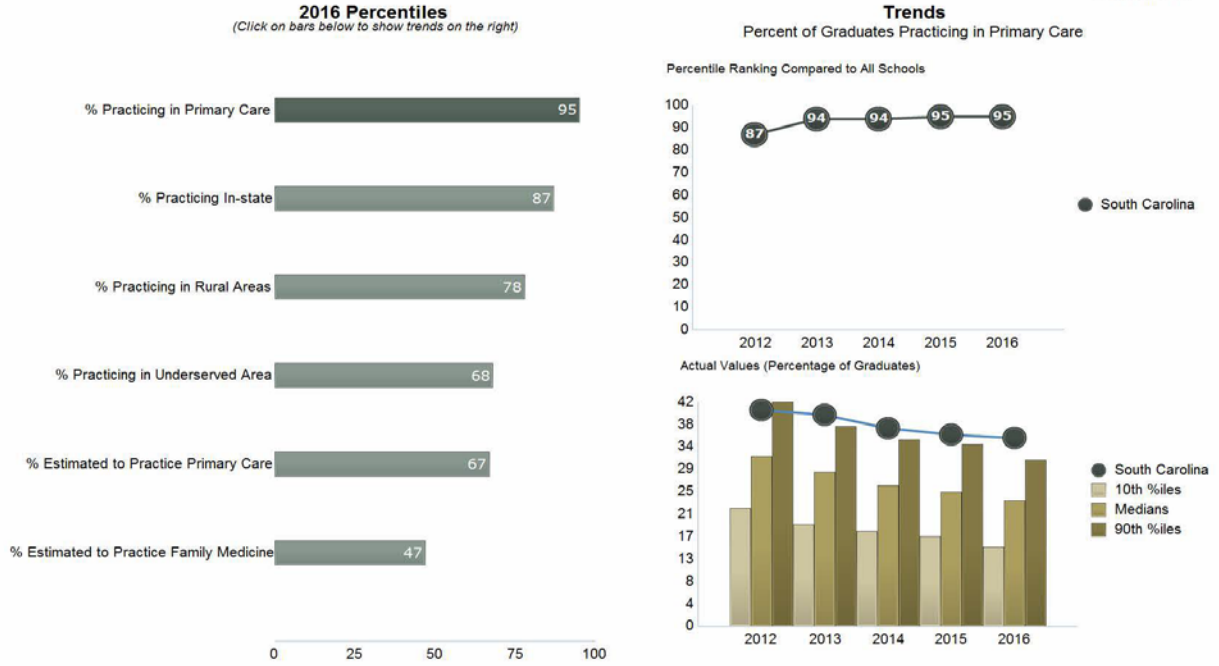
No. 3: Percentage of Graduates Practicing in Primary Care

Medical School Missions Dashboard 2016 University of South Carolina School of Medicine



1. Graduate a Workforce that Will Address the Priority Health Needs of the Nation

Select a mission



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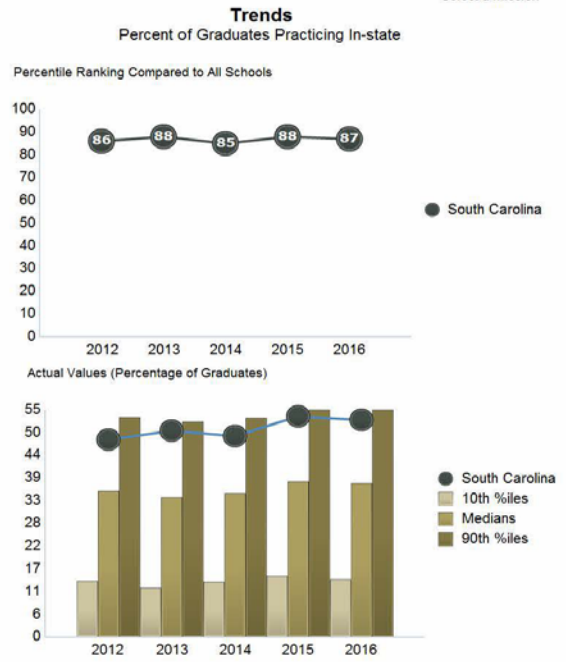
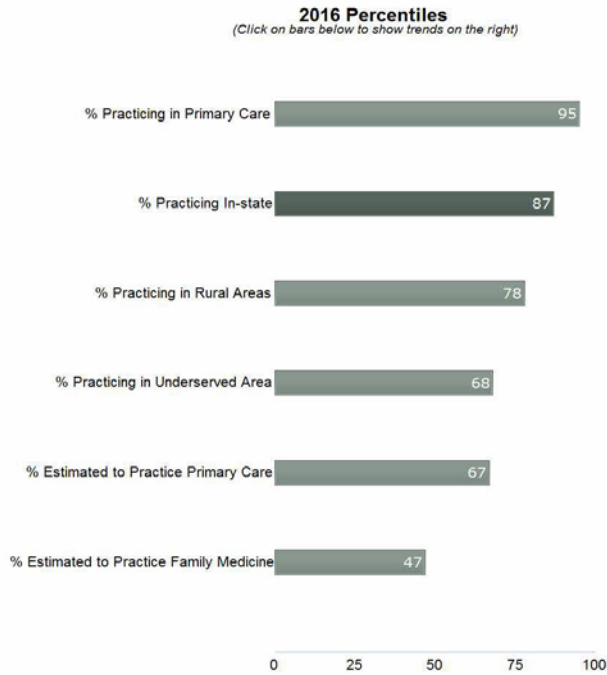


Source: Association of American Medical Colleges

No. 3: Percentage of Graduates Practicing In-state

1. Graduate a Workforce that Will Address the Priority Health Needs of the Nation

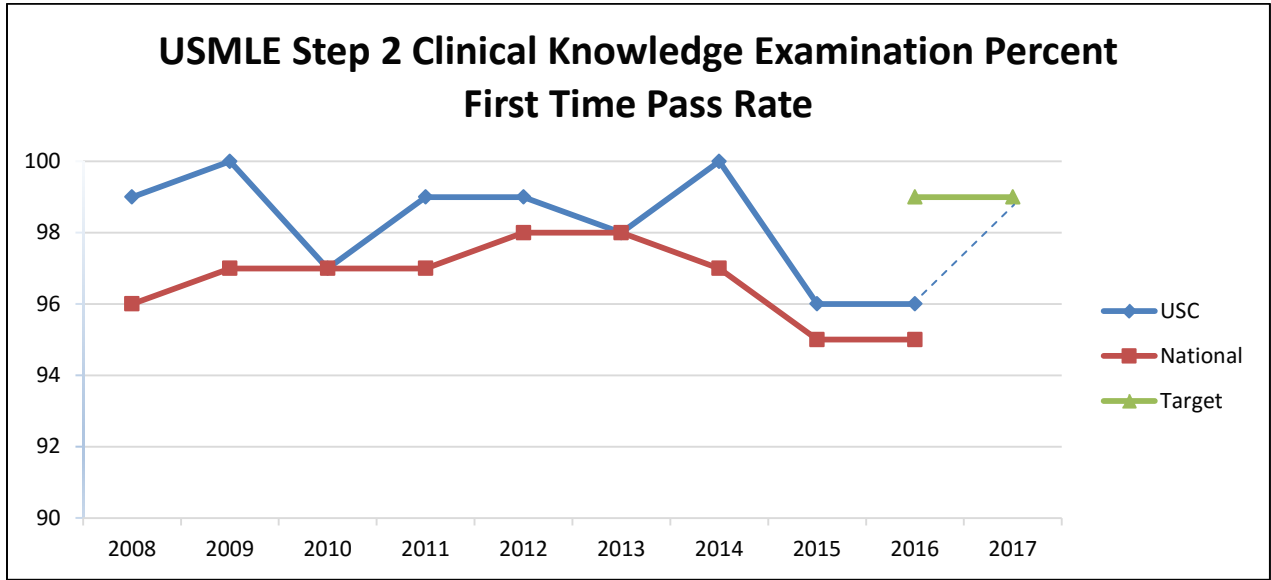
Select a mission



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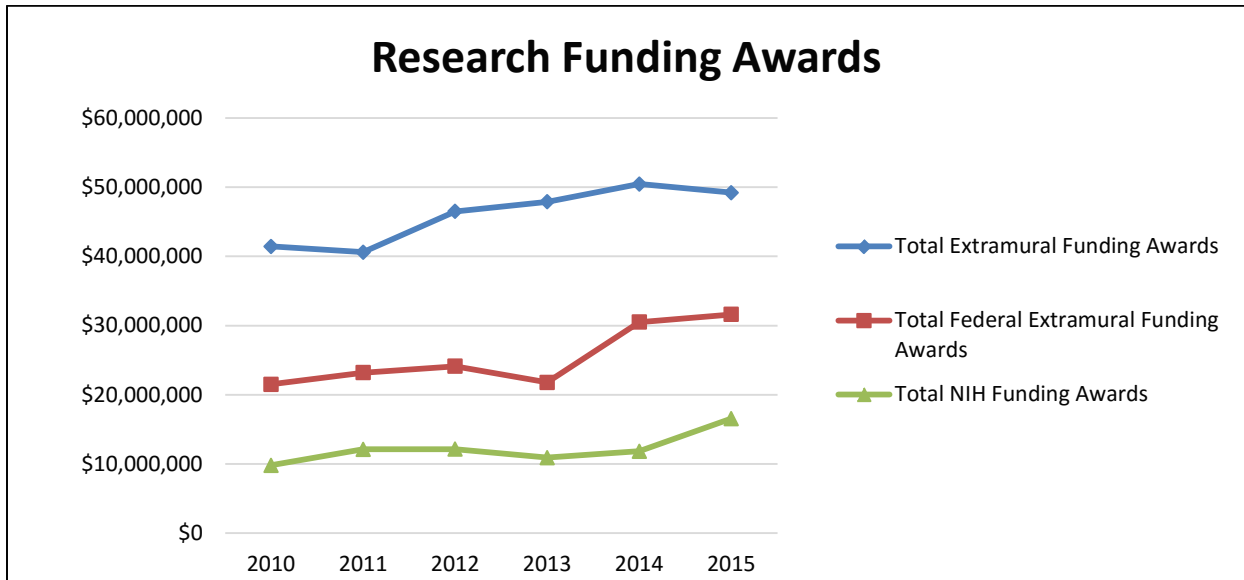


No. 4: USMLE Step 2 Clinical Knowledge Examination First Time Percent Pass Rate



Source: National Board of Medical Examiners. Performance of Examinees Taking USMLE® Step 2 Clinical Knowledge (CK) for the First Time.

No. 5: Research Funding Awards



Source: University of South Carolina Sponsored Awards Management Awards & Reports